

## Huepar M-9011G

# Huepar M-9011G Cross Line Laser Level

## Instruction Manual

### 1. INTRODUCTION

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The Huepar M-9011G is a self-leveling green cross line laser level designed for various DIY and professional applications. It projects bright horizontal and vertical green laser lines, offering enhanced visibility compared to red lasers. This manual provides essential information for the safe and effective use of your device.

The M-9011G utilizes advanced Osram's green laser technology, which is approximately two times brighter than red lasers under similar light conditions. This makes it suitable for indoor use, even in environments with up to 14000 lux light intensity. Outdoor use is generally not recommended due to potential visibility limitations in direct sunlight.

Its compact, palm-sized design with a soft grip ensures ease of handling for tasks such as drop ceiling installation, lighting fixture alignment, picture frame hanging, and tiling.

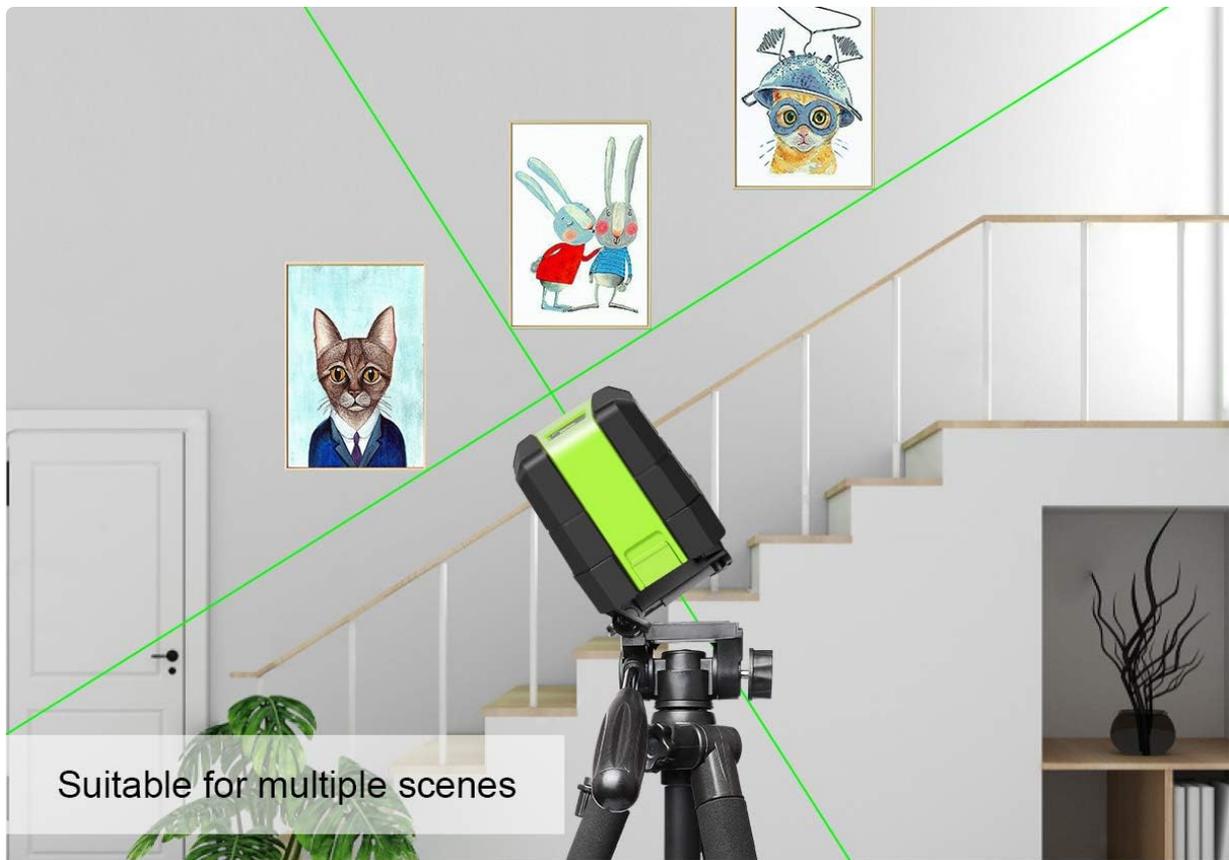


Image: The Huepar M-9011G laser level demonstrating its versatility across multiple scenes, including wall tiling, cabinet installation, and picture hanging.

## 2. SAFETY INFORMATION

**WARNING:** This product contains a Class 2 laser. Avoid direct exposure of the laser beam to the eyes. Staring directly into the laser beam can cause eye injury.

- Do not disassemble the laser level. Repairs should only be performed by authorized service personnel.
- Do not modify the laser level in any way.
- Keep the device out of reach of children.
- Always operate the laser level in a safe environment, away from reflective surfaces that could redirect the laser beam into your eyes or others'.

### Laser Enhancement Glasses (GL01G)

The included Huepar GL01G Green Glasses are designed to enhance the visibility of the green laser beam in bright conditions. **Note: These glasses are for visibility enhancement only and do not provide protection against direct laser exposure.** They are not safety glasses and should not be used as such.

The arms of the GL01G glasses are adjustable in length (9 - 11.4 cm) to ensure a comfortable and secure fit. They can be worn over prescription glasses.



Image: A visual comparison showing improved green laser line visibility when using the Huepar GL01G enhancement glasses (right) versus without them (left).

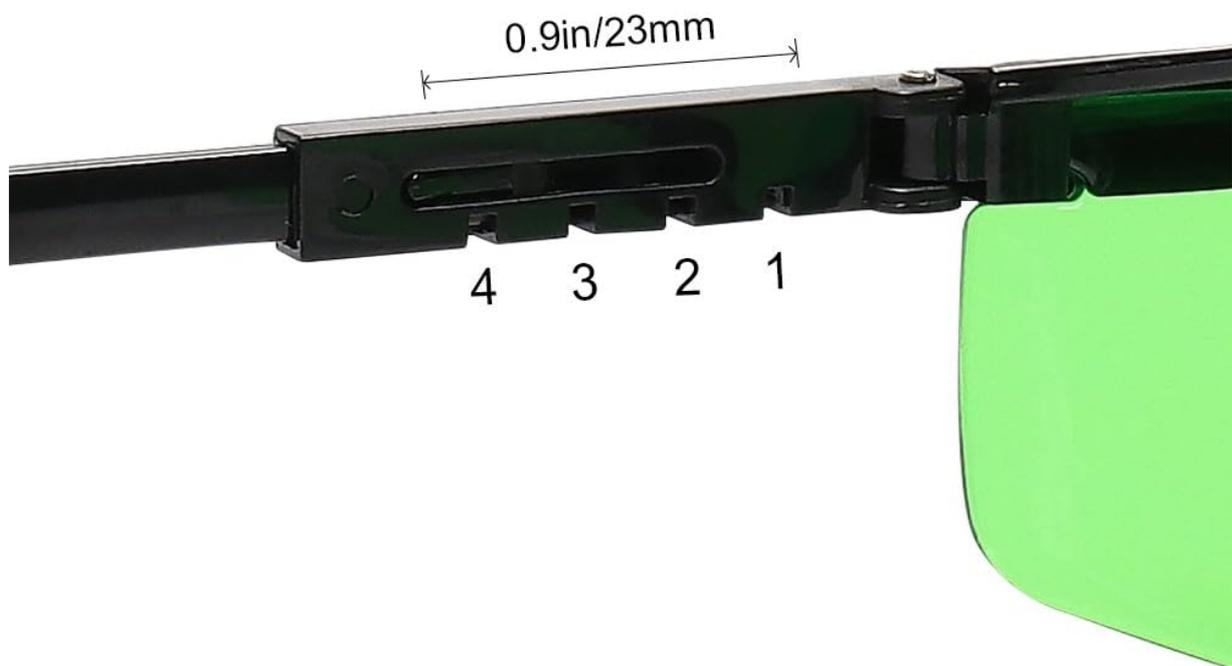


Image: A detailed view of the adjustable arm mechanism on the Huepar GL01G green laser enhancement glasses, showing four length settings for a customized fit.

### 3. PACKAGE CONTENTS

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Verify that all items are present and undamaged upon opening the package:

- 1 x Huepar M-9011G Laser Level
- 1 x 360 Degree Magnetic Pivoting Base
- 2 x AA Batteries
- 1 x Huepar GL01G Green Laser Enhancement Glasses
- 1 x Black Velvet Box

### 4. SETUP

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#### Battery Installation

1. Locate the battery compartment on the back of the laser level.
2. Open the compartment cover.
3. Insert two (2) AA (LR6) batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

It is recommended to use high-capacity (rechargeable) batteries for extended operating time.

#### Mounting the Laser Level

The M-9011G offers flexible mounting options:

- **Tripod Mounting:** The device features a 1/4-20 inch threaded mount on its base, allowing it to be attached to a standard tripod (not included). This enables easy height adjustment and stable positioning.
- **Magnetic Pivoting Base:** The included 360-degree magnetic pivoting base allows the laser level to be attached to metal surfaces. This base also provides fine adjustment for precise alignment.



Image: The Huepar M-9011G laser level demonstrating its 1/4-20 threaded mount for tripod attachment and how it connects to the magnetic pivoting base.



Image: The Huepar M-9011G laser level securely mounted on its 360-degree magnetic pivoting base, illustrating its rotational capability.

## 5. OPERATING INSTRUCTIONS

### Powering On/Off and Mode Selection

The M-9011G features a sliding switch for power and mode selection:

- **Self-Leveling Mode:** Slide the switch to the unlocked position. The laser level will automatically self-level within a range of  $4^{\circ} \pm 1^{\circ}$ . If the device is outside this range, the laser lines will flash rapidly to indicate it cannot self-level. Adjust the device's position until it is within the self-leveling range.
- **Manual Mode:** Slide the switch to the locked position. In this mode, the self-leveling function is deactivated, and the laser lines can be projected at any angle. The laser lines will flash slowly to indicate manual mode. This is useful for tasks like installing handrails on stairs.
- **Power Off:** Slide the switch to the locked position and ensure the laser lines are off.

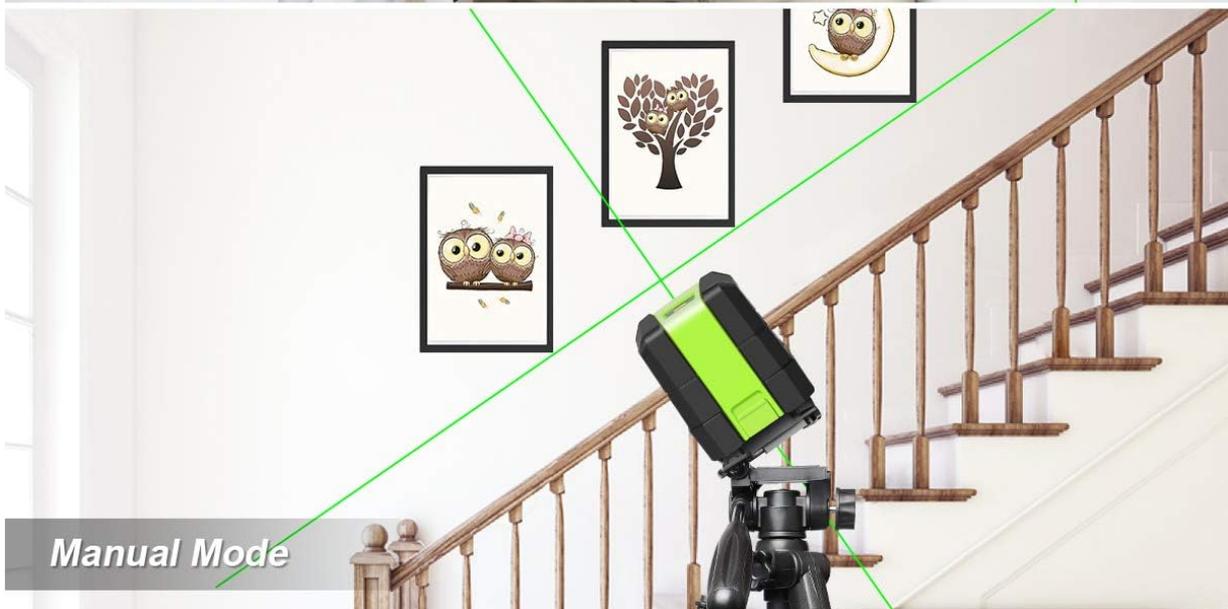
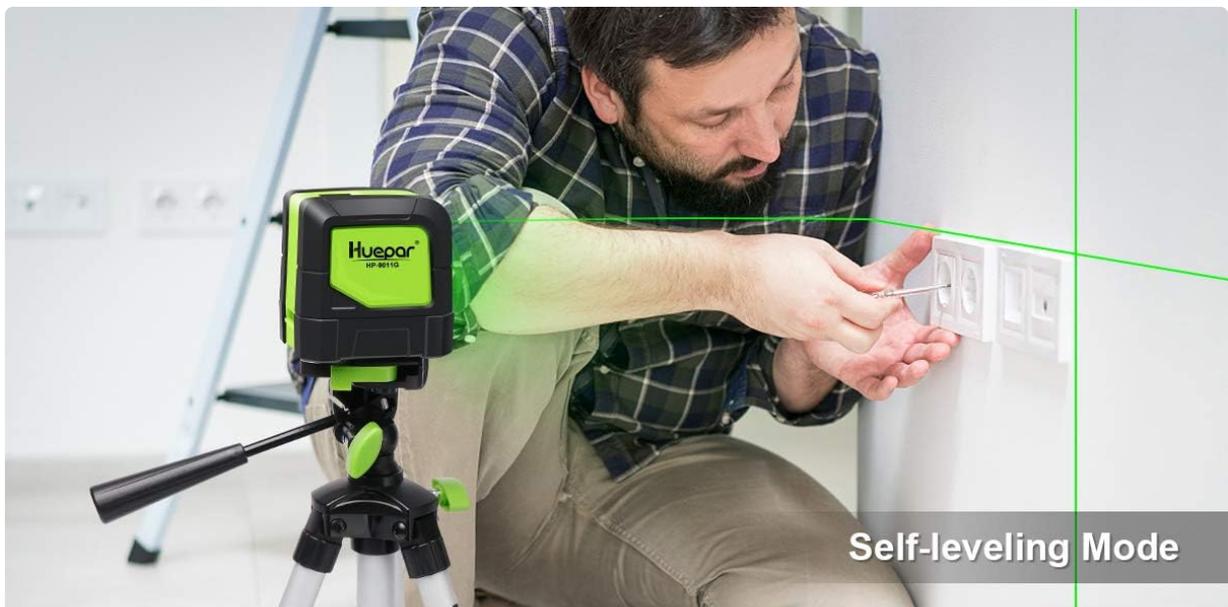


Image: The Huepar M-9011G laser level in use, showing a horizontal and vertical line for self-leveling mode (top) and angled lines for manual mode (bottom).

## Achieving Fine Positioning

The M-9011G projects a laser cross with an accuracy of  $\pm 1/9$  inch at 33 feet. The self-leveling time is typically less than 3 seconds, providing quick and accurate setup.

For precise adjustments, especially when using the magnetic base, carefully rotate or tilt the device until the desired alignment is achieved. When using a tripod, adjust the tripod legs or head for coarse positioning, then use the laser level's fine adjustment features if available on the mount.

## 6. MAINTENANCE

### Cleaning

Regularly clean the laser level, especially the laser output windows, with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners, as these can damage the device or its optical components.

### Storage

When not in use, store the laser level in its black velvet box in a dry, dust-free environment. Remove the batteries if the device will not be used for an extended period to prevent leakage and damage.

The recommended storage temperature range is -20°C to +70°C (-4°F to +158°F).

## Battery Replacement

Replace batteries when the laser lines dim or the device fails to power on. Always use fresh AA (LR6) batteries and ensure correct polarity.

## 7. TROUBLESHOOTING

- **Laser not turning on:** Check battery installation and ensure batteries are not depleted.
- **Laser lines flashing rapidly in self-leveling mode:** The device is outside its self-leveling range. Adjust its position until it is on a more level surface.
- **Laser lines dim or inconsistent:** Replace batteries. Ensure laser output windows are clean.
- **Inaccurate measurements:** Ensure the device is properly self-leveled (if in self-leveling mode) and that the surface it rests on is stable. Avoid strong vibrations during operation.

## 8. SPECIFICATIONS

Feature	Specification
Laser Class	Class 2
Laser Wavelength	510~530 nm (Green)
Leveling Accuracy	± 1/9 Inch at 33 Feet
Leveling/Compensation Range	4°±1°
Working Distance	85 ft (100 LUX)
Operating Time	6 hours (with all laser beams on)
Power Source	2 × AA (LR6) Batteries
Operation Temperature Range	-10°C to +50°C (14°F to +122°F)
Storage Temperature Range	-20°C to +70°C (-4°F to +158°F)
Material	Plastic
Special Features	Green-line, Self-leveling

### GL01G Laser Enhancement Glasses Specifications

Feature	Specification
Applicable Laser Wavelength	505 - 540 nm
Applicable Laser Class	CLASS 2
Arm Adjustable Range	9 - 11.4 cm (3.6 - 4.5 inch)
Size (Approx.)	15 x 5.5 x 5.5 cm

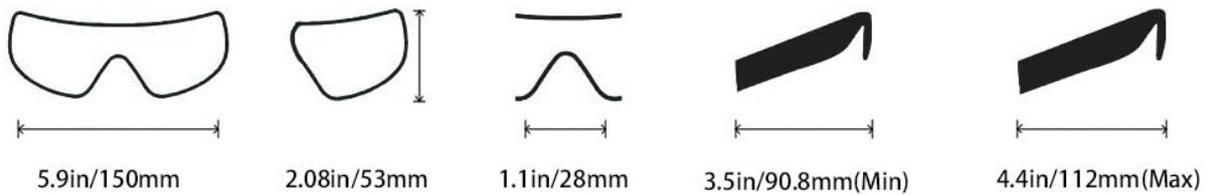


Image: Detailed dimensional drawing of the Huepar GL01G green laser enhancement glasses, showing various measurements in inches and millimeters.

## 9. WARRANTY AND SUPPORT

For information regarding warranty coverage, terms, and conditions, please refer to the documentation provided with your purchase or contact Huepar customer support directly. Warranty details may vary by region and retailer.

For technical assistance or further inquiries, please visit the official Huepar website or contact their customer service department.