MiLESEEY L52G

Mileseey L52G Laser Level User Manual

Self-Leveling Green Beam Cross Line Laser

Introduction

Thank you for choosing the Mileseey L52G Laser Level. This device is designed to provide precise horizontal and vertical green laser lines for various leveling and alignment tasks. Please read this manual thoroughly before operation to ensure safe and correct use.

Safety Information

WARNING: This product is a Class 2 laser device. Avoid direct eye exposure to the laser beam. Do not stare into the beam. Laser output power is less than 1mW.

- Do not attempt to disassemble or modify the laser level.
- Keep the device out of reach of children.
- Use the device only for its intended purpose.
- Ensure the work area is free from obstructions and potential hazards.
- Operate within the specified temperature range (0-40 Degrees Celsius).

Package Contents

Verify that all items are present in your package:

- 1 x Mileseey L52G Green Laser Level
- 1 x Folding Tripod
- 2 x AA Rechargeable Batteries
- 1 x Type-C USB Cable
- 1 x Carrying Pouch
- 1 x User Manual (this document)



Image: All items included in the Mileseey L52G Laser Level package, including the laser level, folding tripod, batteries, USB cable, carrying pouch, and user manual.

Product Overview

The Mileseey L52G is a compact and durable cross line laser level featuring a bright green beam for enhanced visibility. It offers both self-leveling and manual modes for versatile applications.



Image: The Mileseey L52G laser level mounted on its folding tripod, emitting bright green horizontal and vertical laser lines.

Setup

1. Battery Installation and Charging

The L52G can be powered by two AA rechargeable batteries or directly via a Type-C USB cable.

1. Open the battery compartment cover.
2. Insert the two AA rechargeable batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.
4. To charge, connect the Type-C USB cable to the device and a suitable USB power source.



Image: Illustration showing the two power options for the Mileseey L52G: 2 AA batteries and USB-C charging port.

2. Mounting the Device

The L52G offers several mounting options for various applications:

- **Folding Tripod:** Attach the laser level to the included folding tripod using the 1/4"-20 thread mount. Adjust the tripod legs for stability.
- **Magnetic Point:** The device features a magnetic back, allowing it to be directly adsorbed onto flat metal surfaces.
- **Wall Mounting:** Use nails or screws with the integrated hanging slot on the device.
- **Magic Strap:** Secure the device using a strap through the designated slots for non-magnetic surfaces.

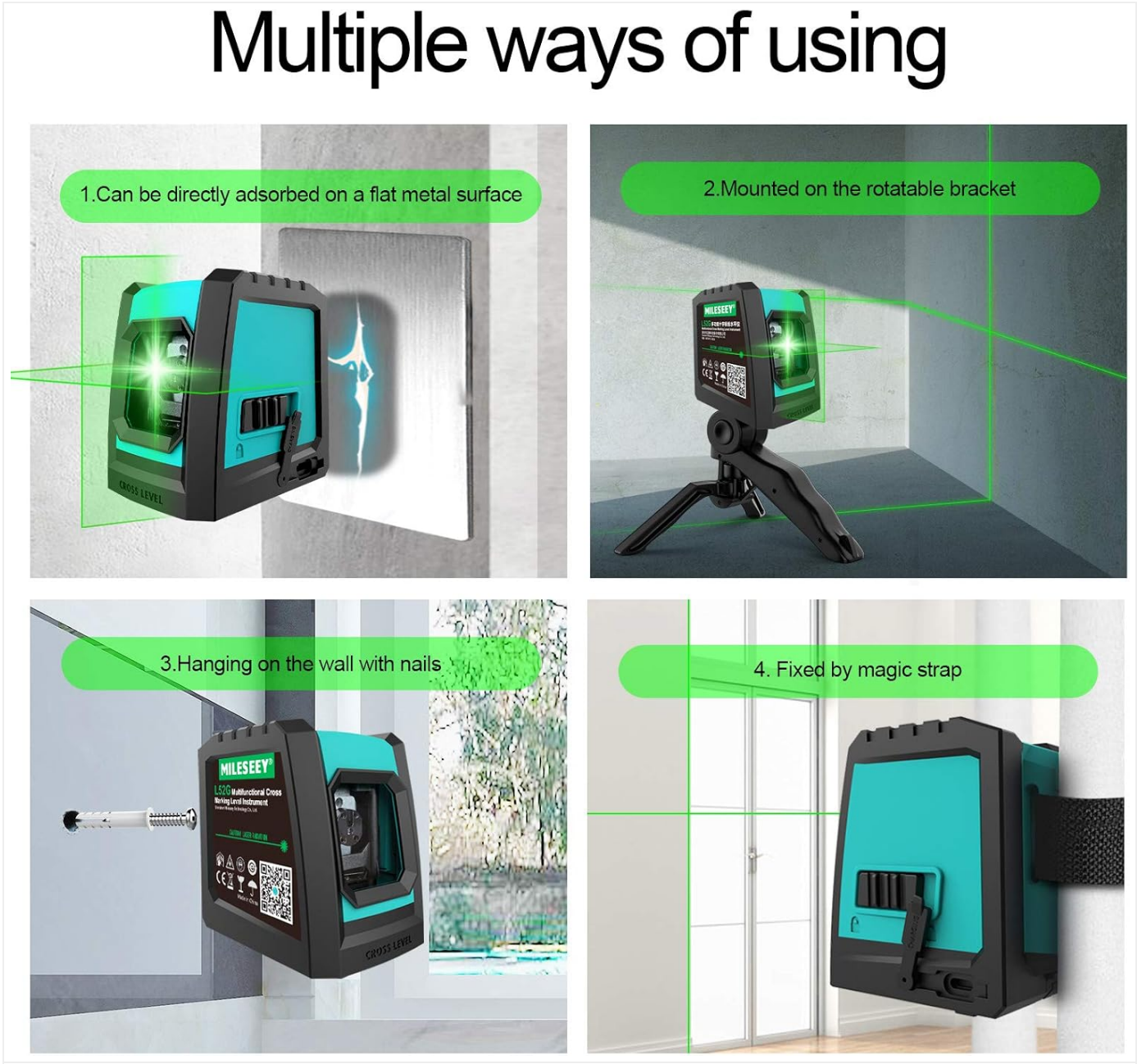


Image: Four illustrations demonstrating different mounting methods for the Mileseey L52G: magnetic attachment, tripod mounting, hanging on a wall with nails, and securing with a strap.

Operating Instructions

1. Power On/Off

Locate the power switch on the side of the device. Slide it to the "ON" position to power on and to the "OFF" position to power off.

2. Self-Leveling Mode

When the power switch is in the unlocked position (pendulum unlocked), the laser level will automatically self-level. If the device is outside its self-leveling range (4 degrees ± 1 degree), the laser lines will flash rapidly to indicate it is not level. Adjust the device's position until the lines become steady.

- Slide the pendulum lock to the unlocked position.
- Place the laser level on a stable surface or mount it.
- The device will self-level within 3 seconds, projecting a cross line.

3. Manual Mode (Locked Mode)

To project laser lines at any angle, engage the manual mode by locking the pendulum.

- Slide the pendulum lock to the locked position.
- The laser lines will be projected, allowing you to tilt the device to any desired angle without self-leveling. This is suitable for tasks like aligning stair railings or decorative patterns.

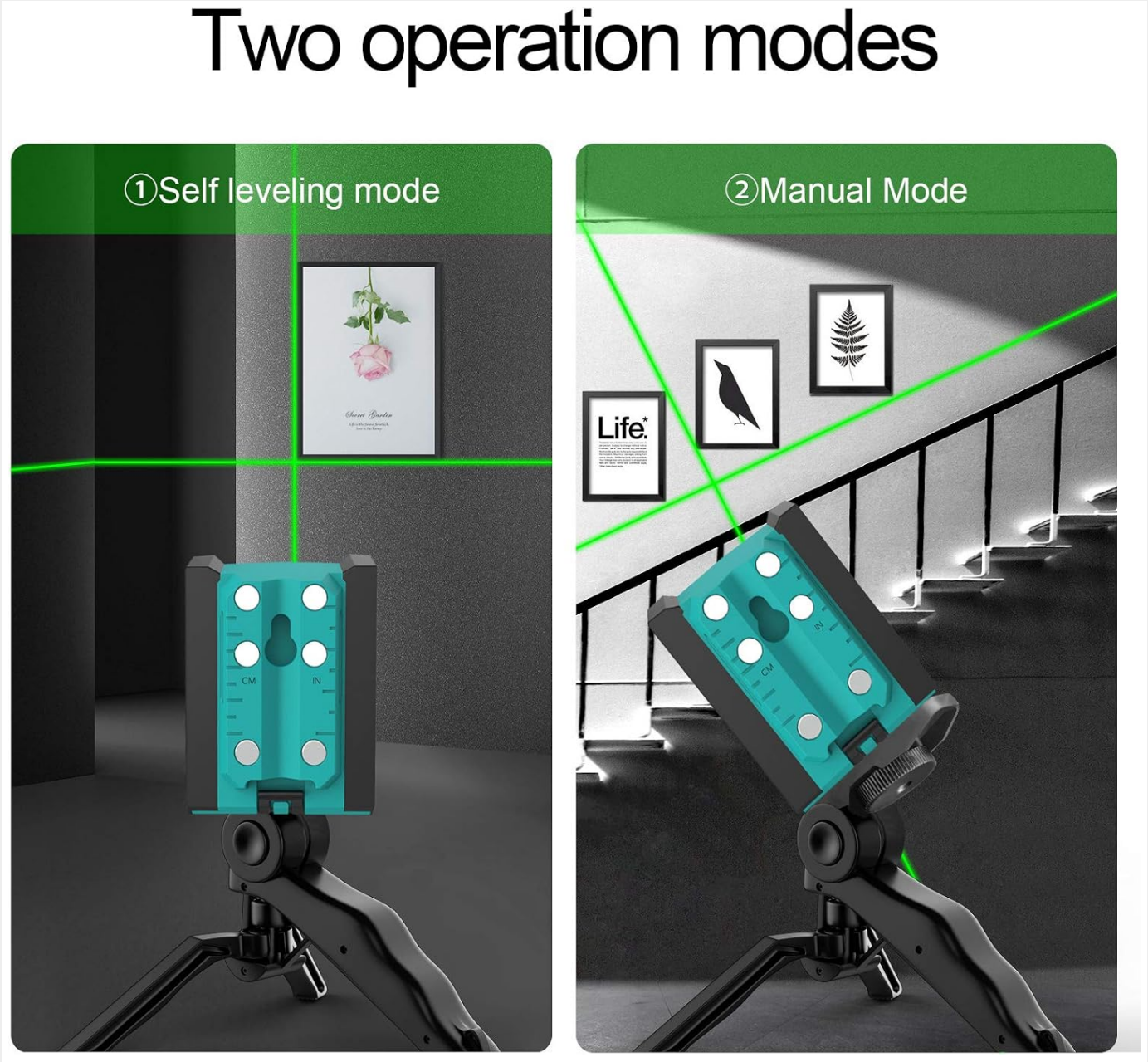


Image: A split image illustrating the two operation modes: Self-leveling mode showing level lines for hanging a picture, and Manual mode showing angled lines for aligning objects on a staircase.



Image: The Mileseey L52G laser level in a room, demonstrating the high visibility and brightness of its green laser lines for various applications like picture hanging.

Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the laser level in its carrying pouch in a dry, cool place when not in use. Remove batteries if storing for extended periods.
- **Durability:** The L52G features an IP55 protection rating, making it resistant to dust and water splashes. Its soft rubber casing provides anti-fall protection for drops up to 1.5 meters.



Image: Visual representation of the Mileseey L52G's durability, highlighting its dustproof, waterproof (IP55), and anti-fall features with a soft rubber covering.

Troubleshooting

Problem	Possible Cause	Solution
Laser lines are flashing rapidly.	Device is outside its self-leveling range in self-leveling mode.	Adjust the device's position until it is within ±4 degrees of level.
No laser lines projected.	Device is not powered on, or batteries are low/depleted.	Ensure the power switch is "ON". Check battery charge or connect via USB-C cable.
Laser lines are not straight or accurate.	Device is in manual mode (pendulum locked) or has been dropped/damaged.	Ensure pendulum is unlocked for self-leveling. If damage is suspected, contact support.

Specifications

Feature	Detail
Model	L52G
Laser Class	Class 2 (Output power <1mW)
Laser Color	Green Beam
Accuracy	±1/9 inch at 33 feet
Self-Leveling Range	±4 degrees
Self-Leveling Time	< 3 seconds
Power Supply	2 x AA Rechargeable Batteries (included), Type-C USB direct power
Operating Temperature	0-40 Degrees Celsius
Protection Rating	IP55 (Dustproof, Splashproof)
Drop Resistance	Up to 1.5 meters
Mount Thread	1/4"-20
Dimensions	90 x 64 x 87 mm
Material	Acrylonitrile Butadiene Styrene (ABS)

Warranty and Support

Mileseey provides an 18-month warranty and lifetime technical support for the L52G Laser Level.
For technical assistance, warranty claims, or further information, please visit the official Mileseey website: www.mileseeytools.com

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question