

CIGMAN CM-G02

CIGMAN CM-G02 Mini Cross Line Laser Level User Manual

Model: CM-G02

[Features](#) [Setup](#) [Operation](#) [Safety Information](#) [Maintenance](#) [Package Contents](#) [Troubleshooting](#) [Product Specifications](#) [Warranty & Support](#)

INTRODUCTION

Thank you for choosing the CIGMAN CM-G02 Mini Cross Line Laser Level. This manual provides essential information for the safe and effective use of your device. Please read it thoroughly before operation and keep it for future reference.

SAFETY INFORMATION

WARNING: This device emits a Class II laser. Avoid direct eye exposure to the laser beam. Do not stare into the beam. Laser output 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 as described in this manual.
- Ensure the pendulum lock is engaged when transporting or storing the device to prevent damage.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x CIGMAN CM-G02 Laser Level
- 1 x Foldable Magnetic Bracket
- 1 x Carry Bag
- 1 x USB Type-C Charging Cable
- 1 x User Manual



Image: Contents of the CIGMAN CM-G02 package, showing the laser level, foldable magnetic bracket, carry bag, and USB-C charging cable.

PRODUCT FEATURES

- **Compact and Lightweight:** Designed for portability and ease of use in various settings.
- **USB-C Rechargeable Battery:** Provides up to 5 hours of continuous operation.
- **Measurement Range:** Up to 7 meters in bright conditions, and up to 30 meters in darker environments. For outdoor use, a laser receiver (sold separately) in pulse mode is recommended.
- **Simple One-Button Operation:** Easy control for turning the cross lines on and off.
- **Automatic Leveling:** Self-levels within 4 degrees of inclination.
- **Manual Mode:** Allows projection of lines at any desired angle by locking the pendulum.
- **Durable Design:** IP54 dust and water-resistant rating for reliable performance.



Image: The CIGMAN CM-G02 laser level demonstrating its compact and lightweight design, easily held in one hand.

防塵・防水



Image: The CIGMAN CM-G02 laser level shown amidst splashing water, indicating its IP54 dust and waterproof capabilities.

SETUP

1. Charging the Battery

Before first use, fully charge the laser level using the provided USB Type-C cable. Connect the cable to the device and a suitable USB power source (e.g., wall adapter, computer USB port). The charging indicator will show the charging status.



Image: The CIGMAN CM-G02 laser level with its USB-C charging port visible, demonstrating its dual power capability with a rechargeable battery and an option for AA batteries (sold separately).

2. Mounting the Device

The CM-G02 can be mounted in several ways:

- **Magnetic Bracket:** Use the included foldable magnetic bracket to attach the laser level to metal surfaces. The bracket allows for 360° rotation.
- **Tripod Mounting:** The device features a 1/4"-20 thread for mounting on most standard tripods.

複数の取り付け方法

ほとんどの三脚に対応 (付属なし)



Image: The CIGMAN CM-G02 laser level illustrating its versatile mounting options, including attachment to a magnetic bracket and a tripod via a 1/4\"-20 thread.

OPERATING INSTRUCTIONS

1. Power On/Off

To turn the device on, slide the pendulum lock switch to the unlocked position (usually indicated by an "ON" label). To turn off and lock the pendulum, slide the switch to the locked position (usually indicated by an "OFF" label).

2. Automatic Leveling Mode

When the pendulum lock is released (ON position), the laser level will automatically self-level within 4 degrees of inclination. If the device is outside this range, the laser lines will flash continuously, indicating it is not level. Adjust the position of the device until the laser lines stop flashing and become steady.

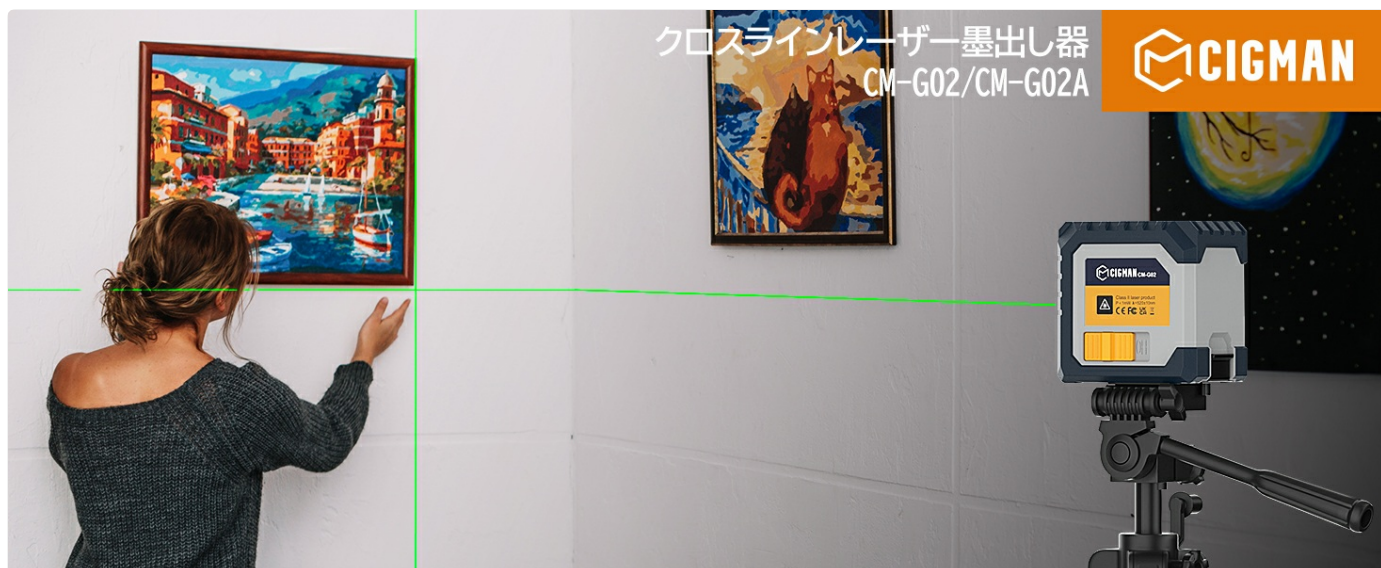


Image: The CIGMAN CM-G02 laser level operating in automatic leveling mode, projecting stable cross lines after self-correction within a 4-degree tilt range.

3. Manual Mode

To project laser lines at a specific angle (e.g., for stair railings), engage the pendulum lock (OFF position) before turning on the device. The laser lines will be locked and can be projected at any angle without self-leveling. The laser lines may flash in this mode to indicate that it is not self-leveling.



Image: The CIGMAN CM-G02 laser level demonstrating manual mode, where the laser lines are locked and can be projected at custom angles for tasks like aligning staircases.

4. Applications

The CIGMAN CM-G02 is suitable for various indoor DIY and construction tasks, including:

- Hanging pictures and shelves
- Tiling floors and walls
- Aligning doors and windows
- Installing cabinets and decorative items

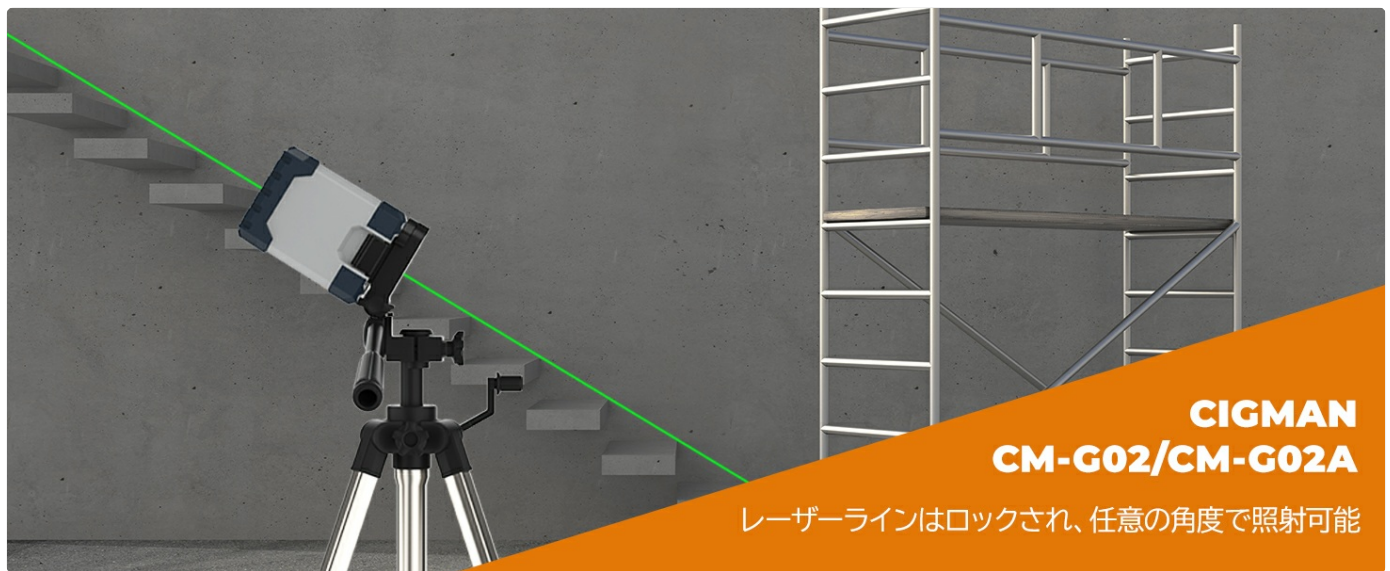


Image: A collage showcasing the diverse applications of the CIGMAN CM-G02 laser level in home improvement and construction, including precise alignment for various installations.

MAINTENANCE

- Clean the device regularly with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep the laser windows clean to ensure clear projection.
- Store the device in its carry bag in a dry, dust-free environment when not in use.
- Always engage the pendulum lock before storing or transporting the device to protect the internal mechanism.
- The IP54 rating protects against dust and splashing water, but the device should not be submerged.

TROUBLESHOOTING

Laser Lines are Flashing

- **In Automatic Leveling Mode:** If the laser lines are flashing, the device is tilted beyond its 4-degree self-leveling range. Adjust the position of the laser level until it is within this range and the lines become steady.
- **In Manual Mode:** Flashing lines in manual mode are normal and indicate that the pendulum is locked, and the device is not self-leveling.

No Laser Lines

- Ensure the device is powered on and the pendulum lock is in the correct position for your desired mode (unlocked for auto-leveling, locked for manual mode).
- Check the battery level. Recharge the device if the battery is low.

Inaccurate Measurements

- Ensure the device is on a stable surface and not vibrating.
- Verify that the device is within its self-leveling range if in automatic mode.
- Clean the laser emission windows.
- Environmental factors like extreme temperatures or strong light can affect accuracy.

SPECIFICATIONS

Feature	Specification
Model	CM-G02
Brand	CIGMAN
Laser Class	Class II (<1mW)
Laser Color	Green
Self-Leveling Range	±4°
Operation Mode	Automatic / Manual
Measurement Distance (Bright)	Up to 7 meters
Measurement Distance (Dark)	Up to 30 meters
Power Source	USB-C Rechargeable Battery
Operating Time	Up to 5 hours
IP Rating	IP54 (Dust and Splash Water Resistant)
Material	Plastic
Product Dimensions	7 cm (Length) x 5.5 cm (Width)
Product Weight	0.27 kg
UPC	095205007510

WARRANTY AND SUPPORT

CIGMAN products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official CIGMAN website. If you have any questions or encounter issues with your CM-G02 laser level, please do not hesitate to contact our customer service team.

Your browser does not support the video tag.

Video: An official CIGMAN product video demonstrating the features and usage of the CM-G02 laser level.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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