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OMMO OM-LL02

OMMO OM-LL02 Green Laser Level User Manual

Model: OM-LL02 | Brand: OMMO

INTRODUCTION

This manual provides detailed instructions for the safe and effective operation, setup, and maintenance of your OMMO OM-LL02 Green Laser Level. Please read this manual thoroughly before using the device and retain it for future reference.

The OMMO OM-LL02 is a versatile 12-line green laser level designed for various leveling and alignment tasks, featuring two 360° vertical lines and one 360° horizontal line. It offers both self-leveling and manual/tilt modes for diverse applications.

Safety Information

Laser Class: Class 2 (<1mW power output)

WARNING: Do not stare directly into the laser beam. Direct eye exposure can cause injury. Avoid pointing the laser beam at people or animals. Use caution when operating the device around others.

Keep the device out of reach of children. Do not attempt to disassemble or modify the laser level. Repairs should only be performed by authorized service personnel.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x OMMO OM-LL02 Green Laser Level
- 1 x Li-ion Battery
- 1 x Magnetic Wall Bracket
- 1 x USB Type-C Charging Cable
- 1 x User Manual (this document)
- 1 x Carrying Bag



Image: Contents of the OMMO OM-LL02 package, including the laser level, magnetic bracket, battery, USB-C cable, user manual, and carrying bag.

PRODUCT OVERVIEW

Familiarize yourself with the components of your OMMO OM-LL02 Green Laser Level.



Image: Front view of the OMMO OM-LL02 Green Laser Level, showing the laser emitters and control panel with V and H buttons.

Key Features:

- **12 Laser Lines:** Two 360° vertical lines and one 360° horizontal line for comprehensive coverage.
- **High Visibility Green Laser:** Provides clear and focused lines up to 150 feet.
- **Self-Leveling Mode:** Automatically levels within $\pm 3^\circ$ for quick and accurate setup.
- **Manual/Tilt Mode:** Allows projection of lines at any angle when the pendulum is locked.
- **Multiple Installation Methods:** Includes an "L" magnetic pivoting base and 1/4" mounting thread for tripods.
- **USB Type-C Charging:** Rechargeable battery with indicator light.
- **Compact and Portable:** Lightweight, palm-sized design for easy transport and use.

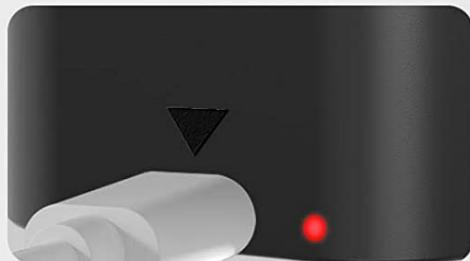
SETUP

1. Charging the Battery

1. Connect the provided USB Type-C charging cable to the laser level's charging port.
2. Connect the other end of the cable to a suitable USB power adapter (not included).
3. The indicator light will show red during charging and turn blue when fully charged.

USB Type C

Rechargeable Battery with Indicator Light



Charging



Full Charged



Image: Close-up of the laser level showing the USB Type-C charging port and battery indicator lights (red for charging, blue for full).

2. Mounting the Device

The OMMO OM-LL02 offers flexible mounting options:

- **Magnetic Wall Bracket:** Attach the "L" magnetic bracket to metal surfaces. The laser level can then be rotated to the desired angle on the bracket.
- **Tripod Mounting:** Use the 1/4" mounting thread at the bottom of the device to attach it to a standard floor tripod (not included).

Various Kinds of Fixing Methods



Match with Floor Triangular Stand



Multi-angle Adjustment



1/4" Mounting Thread

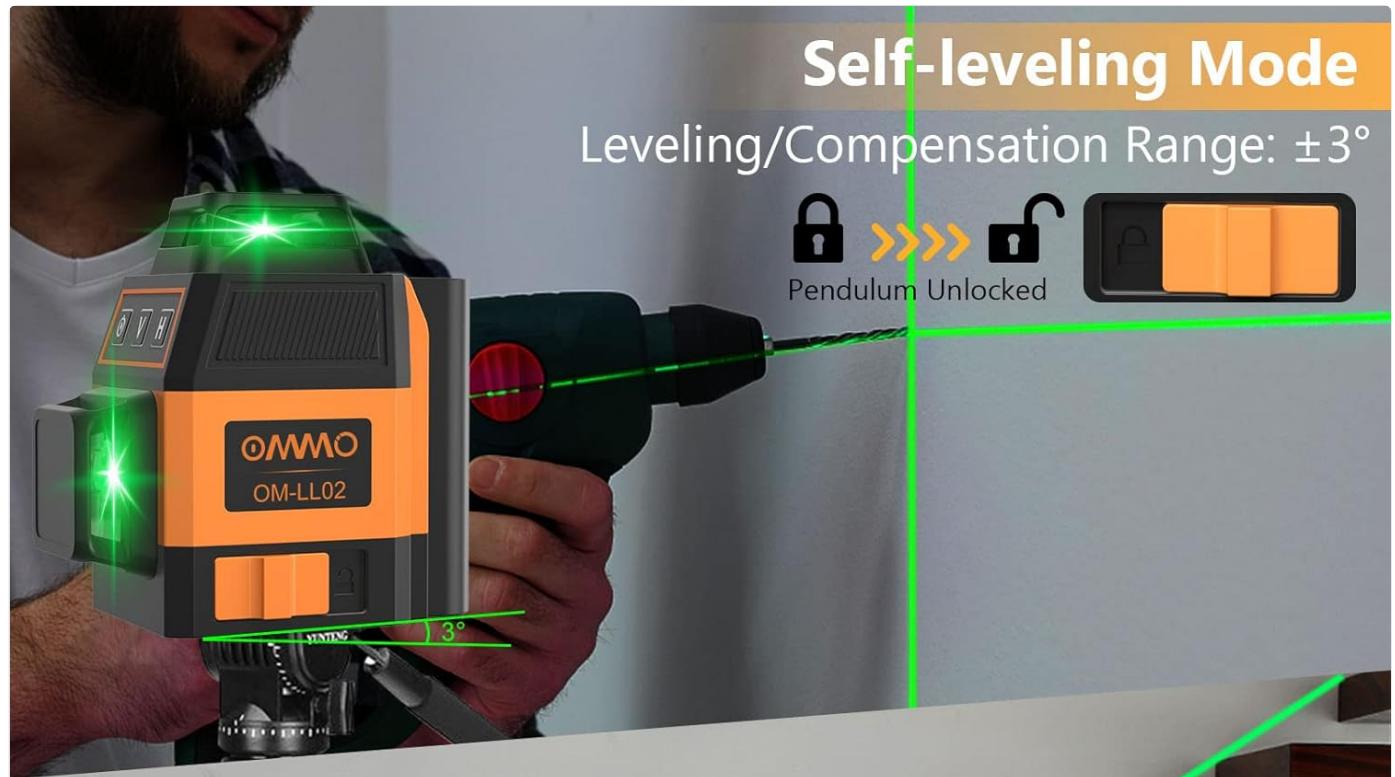
Image: Demonstrates different mounting options: using the magnetic bracket on a wall, and attaching to a tripod for multi-angle adjustment.

OPERATING INSTRUCTIONS

1. Powering On/Off and Mode Selection

The main power switch is located on the side of the device. This switch also controls the pendulum lock.

- Self-Leveling Mode:** Slide the side button to the unlocking position (pendulum unlocked). The device will power on and automatically enter self-leveling mode. If the device is outside its $\pm 3^\circ$ leveling range, the laser lines will flash and an audible alarm will sound. Adjust the device's position until it is within the leveling range and the alarm stops.
- Manual/Tilt Mode:** Slide the side button to the locking position (pendulum locked). Press and hold the first button on the top panel for 3 seconds to activate manual mode. In this mode, the pendulum is locked, allowing you to project lines at any desired angle without the self-leveling alarm.
- Power Off:** Slide the side button to the locking position. If in manual mode, press the power button again to turn off the laser lines, then slide the side button to the locking position to fully power off and protect the pendulum.



Manual Mode

Manually place at any angle



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Press the Top
Button 2 Seconds



Image: Illustrates the side switch for pendulum lock/unlock, and how to activate self-leveling mode (unlocked) and manual/tilt mode (locked, then press top button).

2. Selecting Laser Lines

The top panel features buttons to control the laser lines:

- Press the "H" button to cycle through horizontal line modes (e.g., turn on/off the 360° horizontal line).
- Press the "V" button to cycle through vertical line modes (e.g., turn on/off the two 360° vertical lines individually or together).
- The power button (often marked with a power symbol or the first button) can also be used to cycle through combinations of lines or turn all lines off.

Separate Button&Switch Line Mode

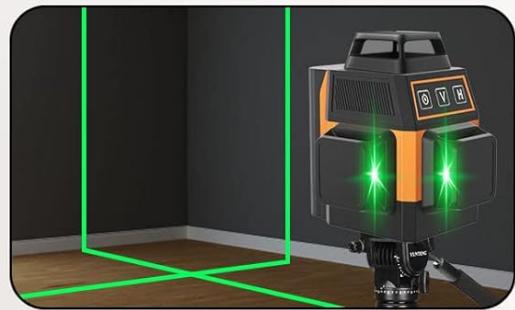


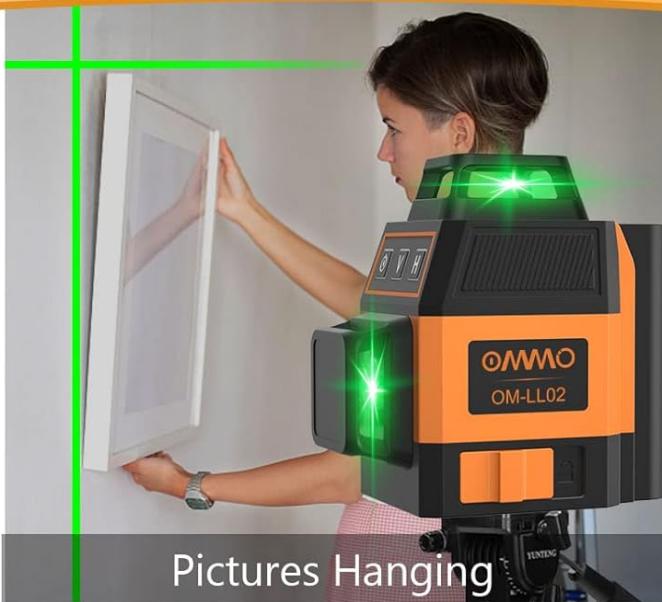
Image: Shows the top control panel with "V" and "H" buttons, demonstrating how to activate 2x360° vertical lines, 1x360° horizontal line, or combinations suitable for all directions.

3. Applications

The OMMO OM-LL02 is suitable for a wide range of tasks:

- Hanging pictures and shelves
- Home decoration projects
- Painting walls
- Floor and wall tiling
- Cabinet installation
- And more general construction and DIY leveling tasks.

3 x 360° Laser Lines for Multiple Applications



Pictures Hanging



Home Decoration



Paint the Walls



Floor Tiling

Image: Collage showing the OMMO OM-LL02 being used for various tasks such as hanging pictures, home decoration, painting walls, and floor tiling, highlighting its versatility.

MAINTENANCE

- Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents. Ensure the laser apertures are clean for optimal performance.
- Storage:** When not in use, store the laser level in its carrying bag in a dry, cool place, away from direct sunlight and extreme temperatures. Ensure the pendulum is locked before storage to prevent damage.
- Battery Care:** Charge the battery regularly, even if the device is not used frequently, to maintain battery health. Avoid fully discharging the battery for extended periods.
- Calibration Check:** Periodically check the accuracy of the laser level. If you suspect a calibration issue, refer to the troubleshooting section or contact customer support.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Laser lines are flashing and alarm is sounding.	Device is in self-leveling mode but is outside its $\pm 3^\circ$ leveling range.	Place the device on a more level surface until the alarm stops and lines become steady.
Laser lines are not visible or dim.	Low battery; excessively bright ambient light; dirty laser apertures.	Charge the battery. Operate in lower light conditions if possible. Clean laser apertures with a soft cloth.
Device does not power on.	Battery is depleted; power switch is not fully engaged.	Charge the battery. Ensure the side power switch is fully slid to the unlocked position for self-leveling mode, or locked then top button pressed for manual mode.
Cannot project angled lines.	Device is in self-leveling mode.	Switch to manual/tilt mode: slide the side button to the locking position, then press and hold the first top button for 3 seconds.

SPECIFICATIONS

Model	OM-LL02
Laser Class	Class 2 (<1mW)
Laser Color	Green
Laser Lines	1 x 360° Horizontal, 2 x 360° Vertical (12 lines total)
Leveling/Compensation Range	$\pm 3^\circ$
Working Distance	Up to 150 feet (45 meters)
Power Source	Rechargeable Li-ion Battery (3600mAh)
Charging Port	USB Type-C
Material	Acrylonitrile Butadiene Styrene
Dimensions (LxWxH)	15.2 x 14.2 x 9.7 cm (approx. 6 x 5.6 x 3.8 inches)
Weight	558 g (approx. 1.23 lbs)

Lightweight & Portable Pocket Size



Image: Diagram illustrating the compact dimensions of the OMMO OM-LL02 Green Laser Level (9cm/3.54in height, 9cm/3.54in width, 7.2cm/2.83in depth).

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official OMMO website. Keep your purchase receipt as proof of purchase for warranty claims.

	<p>OMMO OM-023 Laser Level User Manual and Specifications</p> <p>Comprehensive guide for the OMMO OM-023 Laser Level, detailing its features, specifications, operation, safety precautions, and maintenance. Includes information on laser class, working distance, accuracy, power supply, and product overview.</p>
	<p>OM-600 Portable Power Station User Manual</p> <p>Comprehensive user manual for the OM-600 portable power station by Dongguan Ommo Technology Co., Ltd., covering specifications, operation, charging, troubleshooting, and maintenance.</p>
	<p>OMMO OM-2400 Portable Power Station User Manual</p> <p>Comprehensive user manual for the OMMO OM-2400 portable power station, detailing its features, operation, safety guidelines, charging methods, technical specifications, and troubleshooting.</p>
	<p>OMMO OM-281 Slow Juicer User Guide and Instructions</p> <p>Comprehensive user guide for the OMMO OM-281 Slow Juicer, covering setup, operation, cleaning, maintenance, troubleshooting, and warranty information.</p>
	<p>OMMO Countertop Air Fryer Oven & Food Dehydrator OM-AFO868 User Manual</p> <p>User manual for the OMMO Countertop Air Fryer Oven & Food Dehydrator (Model OM-AFO868). Learn about its features, operation, safety guidelines, cooking charts, troubleshooting, and warranty. Get crispy food with less fat using Rapid Air Technology.</p>
	<p>OMMO MD-7011 Metal Detector User Manual</p> <p>User manual for the OMMO MD-7011 Metal Detector, detailing its features, modes, and operation.</p>