

OMMO OM-LL17

OMMO Laser Level 3D 12 Lines Instruction Manual

Model: OM-LL17

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective operation of your OMMO Laser Level. Please read this manual thoroughly before initial use and retain it for future reference. The OMMO Laser Level is designed for precise leveling and alignment tasks in various indoor and outdoor applications, featuring 3 x 360° green laser lines, a touch panel interface, and multiple operating modes.

2. SAFETY INFORMATION

WARNING: LASER RADIATION

- Do not stare directly into the laser beam.
- Avoid direct eye exposure to the laser beam.
- This device is a Class II laser product with a power output of <1mW.
- 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 original charger for the battery.
- Do not short-circuit the battery terminals.
- Do not put the battery into fire.

Always operate the laser level in a safe environment, ensuring stable placement and clear surroundings.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x OMMO Laser Level (Model: OM-LL17)
- 1 x Carrying Bag
- 1 x L-Shaped Magnetic Bracket
- 1 x 3600mAh Lithium Battery
- 1 x Remote Controller
- 1 x Type-C Charging Cable



Image: Contents of the OMMO Laser Level package, including the laser level unit, carrying bag, L-shaped magnetic bracket, lithium battery, remote controller, and Type-C charging cable.

4. SETUP

4.1. Battery Installation and Charging

1. Locate the battery compartment on the laser level.
2. Insert the 3600mAh lithium battery, ensuring correct polarity.
3. Close the battery compartment securely.
4. To charge the battery, connect the Type-C charging cable to the laser level's charging port and a suitable power source. The battery can be used continuously for approximately 5 hours on a full charge.



Image: The OMMO Laser Level highlighting its 3600mAh rechargeable lithium battery and Type-C charging port, indicating long working and charging times.

4.2. Mounting the Laser Level

The OMMO Laser Level offers versatile mounting options:

- **L-Shaped Magnetic Bracket:** Attach the laser level to the L-shaped magnetic bracket. The strong magnets on the bracket allow for secure attachment to metal surfaces.
- **1/4"-20 Mount Thread:** The laser level features a 1/4"-20 mount thread on its base, compatible with standard tripods or other mounting accessories.



Image: The OMMO Laser Level demonstrating its L-shaped magnetic bracket for attaching to metal surfaces and its 1/4"-20 mount thread for tripod compatibility.

5. OPERATING THE LASER LEVEL

5.1. Power On/Off and Mode Selection

The OMMO Laser Level features a smart touch panel for intuitive control.

Smart Touch Panel



Image: Close-up of the OMMO Laser Level's smart touch panel, showing the Vertical (V), Horizontal (H), and Power/Brightness Adjustment buttons.

1. **To Power On:** Slide the lock switch on the side of the unit to the unlocked position. The laser level will automatically enter Self-Leveling Mode.
2. **Self-Leveling Mode:** In this mode, the laser level will automatically self-level within a $\pm 3^\circ$ range. If the tilt exceeds 3° , an audible beep will sound, and the laser lines will flash, indicating it is out of level. Place the device on a flat surface to stop the alarm.
3. **Manual Mode:** To activate Manual Mode (for projecting lines at any angle), keep the lock switch in the locked position. Then, touch the Power On/Off icon on the touch panel to turn on the laser. In this mode, the device will not self-level, and you can project tilt lines without an alarm.
4. **To Power Off:** Slide the lock switch to the locked position.

Self leveling Mode

Leveling/compensation Range $\pm 3^\circ$



Manual Mode

Lock Lines for use at any angle



Image: Visual representation of the OMMO Laser Level operating in Self-Leveling Mode (automatically leveling) and Manual Mode (projecting lines at an angle).

5.2. Laser Line Selection

Use the touch panel buttons to select desired laser lines:

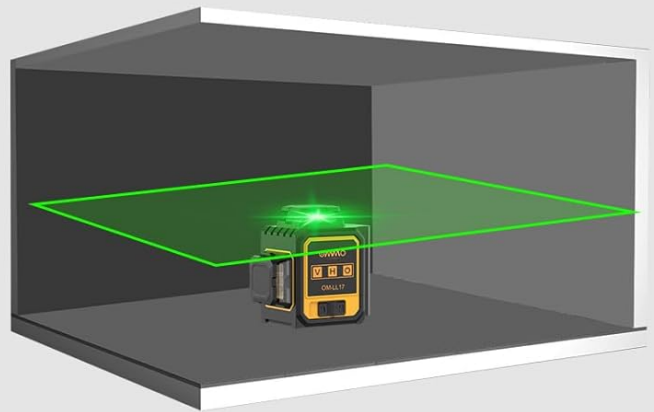
- Touch the "V" icon to activate or deactivate vertical laser lines. The unit features two 360° vertical lines.
- Touch the "H" icon to activate or deactivate the 360° horizontal laser line.
- Lines can be used simultaneously or individually.

3D

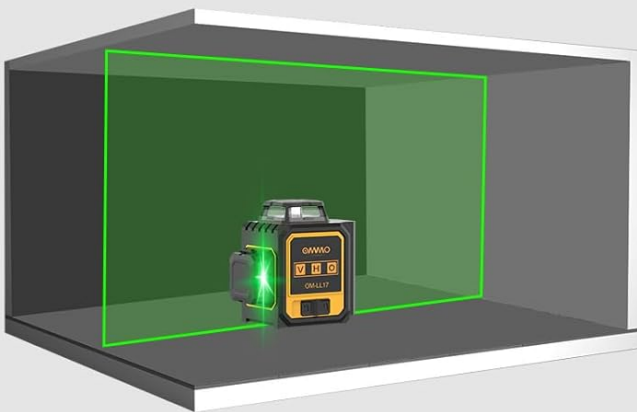
12 Lines



360° Horizontal Line



360° Vertical Line



Two 360° Vertical Lines

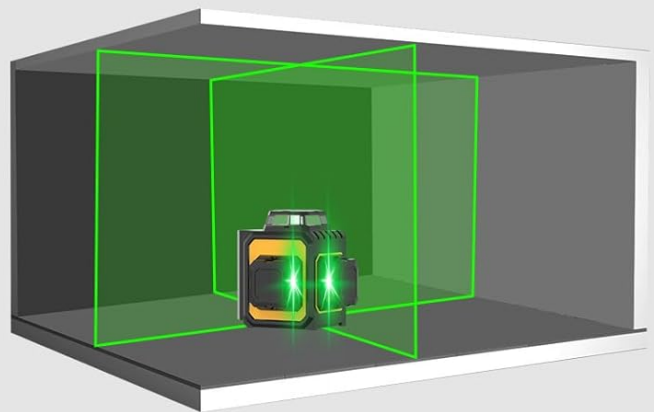


Image: Diagrams illustrating the 360° horizontal line, 360° vertical line, and two 360° vertical lines projected by the OMMO Laser Level.

5.3. Brightness Adjustment

The laser level offers three adjustable brightness levels for optimal visibility in various lighting conditions. Touch the Power On/Off icon repeatedly to cycle through the brightness settings.

5.4. Remote Control Operation

The included remote controller allows for convenient operation from a distance (up to 160ft), reducing the need to constantly approach the unit.

- **Vertical Line (V):** Press the 'V' button on the remote to toggle vertical lines.
- **Horizontal Line (H):** Press the 'H' button on the remote to toggle the horizontal line.
- **Power/Brightness Adjustment:** Press the Power/Brightness button on the remote to turn the unit on/off or adjust laser brightness.

Remote Control, No Need to Run Around



Image: The OMMO Laser Level being operated by its remote control, showing the convenience of adjusting settings from a distance.

6. TYPICAL APPLICATIONS

The OMMO Laser Level is suitable for a wide range of tasks, including but not limited to:

- Installing floor and ceiling tiles.
- Aligning wall decorations and pictures.
- Setting cabinets and shelves.
- Framing and drywall installation.
- Electrical outlet and switch alignment.
- General construction and renovation projects.



Image: Collage showing the OMMO Laser Level being used for installing kitchen cabinets, laying flooring, and aligning stairs, demonstrating its versatility.

7. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the laser level in its carrying bag in a cool, dry place when not in use. Avoid extreme temperatures and direct sunlight.
- **Battery Care:** For prolonged storage, charge the battery to approximately 50% and recharge every few months to maintain battery health.
- **Durability:** The device is IP54 rated, offering dustproof and waterproof protection against splashes. However, avoid submerging the unit in water.

IP54



Dustproof Waterproof



Image: The OMMO Laser Level shown in a dusty and wet environment, illustrating its IP54 dustproof and waterproof capabilities.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Laser lines are dim or not visible.	Low battery; Bright ambient light; Incorrect brightness setting.	Charge the battery; Use in lower light conditions or with a laser detector; Adjust brightness using the Power/Brightness button.
Laser level beeps and flashes in Self-Leveling Mode.	Unit is tilted beyond its self-leveling range ($\pm 3^\circ$).	Place the laser level on a more level surface.
Remote control not responding.	Remote battery low; Obstruction between remote and unit; Out of range.	Replace remote battery; Ensure clear line of sight; Move closer to the unit.

Problem	Possible Cause	Solution
Laser lines are not straight or accurate.	Unit is not in Self-Leveling Mode; Unit has been dropped or damaged.	Ensure the lock switch is in the unlocked position for self-leveling; Contact customer support for repair if damaged.






9. SPECIFICATIONS

Feature	Detail
Brand	OMMO
Model Number	OM-LL17
Laser Class	Class II, <1mW
Laser Lines	3 x 360° Green Lines (1 Horizontal, 2 Vertical)
Self-Leveling Range	±3°
Operation Modes	Self-leveling Mode, Manual Mode
Battery Type	3600mAh Lithium Ion (included)
Continuous Working Time	Approx. 5 hours
Power Source	Battery Powered
Voltage	3.7 Volts
Product Dimensions	7.55"L x 3.6"W
Item Weight	1.38 Pounds
Material	Plastic
IP Rating	IP54 (Dustproof, Waterproof)

10. WARRANTY AND SUPPORT

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

Manufacturer: OMMO

	<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 MD-7011 Metal Detector User Manual</p> <p>User manual for the OMMO MD-7011 Metal Detector, detailing its features, modes, and operation.</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>



High Speed Blender
Operating manual
HS-202



- Thank you for your trust and support to our products!
- Please use the corresponding model.
- The product is subject to the manual set object.
- Please read this manual carefully before use and save it for future reference.

[OMMO HS-202 High Speed Blender Operating Manual](#)

Operating manual for the OMMO HS-202 High Speed Blender, covering component names, points for attention, safety matters, technical parameters, cleaning and maintenance, function introduction, warnings, and fault analysis.