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› Professional 12-Line Green Laser Level User Manual

PRACMANU B0C37NGX1Z

Professional 12-Line Green Laser Level User Manual

Brand: PRACMANU

INTRODUCTION

Thank you for choosing the PRACMANU Professional 12-Line Green Laser Level. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your device. Please read it thoroughly before use and keep it for future reference.

PRODUCT OVERVIEW

The PRACMANU 12-Line Green Laser Level is designed for precise positioning with its 12 laser lines, which can be emitted separately or simultaneously. It features a 3-degree self-leveling system for flexibility and stability, high-quality laser diodes, and high-precision conical mirrors for fine, bright, and accurate laser lines. It is equipped with a self-test calibration function and is suitable for both indoor and outdoor use with its IP54 water and dust resistance.

Key Features:

- 12 Green Laser Lines for enhanced visibility.
- Automatic Self-Leveling System (within 3 degrees).
- 360-degree Angle Projection.
- IP54 Water and Dust Resistance for indoor and outdoor use.
- Adjustable Laser Brightness.
- Intuitive Touch Button Controls.

Included Components:

- 1x PRACMANU 12-Line Green Laser Level
- 1x Carrying Bag
- 1x Magnetic Support
- 1x Charger
- 1x Auxiliary USB Cable
- 1x Base
- 1x 1/4" Tripod Adapter
- 1x Remote Control
- 1x User Manual (this document)



Figure 1: The PRACMANU 12-Line Green Laser Level shown with all its included accessories, including the carrying bag, magnetic support, charger, cables, base, tripod adapter, and remote control.



Figure 2: A close-up view of the laser level, highlighting key components such as the laser window, protective rubber cover, ON/OFF switch, horizontal (H) and vertical (V) line buttons, pulse function button, and the 1/4"-20 mounting thread at the bottom.



Figure 3: The compact PRACMANU laser level easily fits into a work overall pocket, demonstrating its portability for on-site jobs.

SETUP

1. Charging the Battery:

Before first use, fully charge the laser level's internal battery. Connect the charger to the device using the auxiliary USB cable. The charging indicator will show the charging status. Ensure the device is fully charged for optimal performance.

2. Positioning the Device:

1. **On a Flat Surface:** Place the laser level on a stable, flat surface. The device will automatically self-level if the inclination is within 3 degrees.
2. **Using the Base:** Attach the laser level to the included base for minor height adjustments and stability.
3. **Using Magnetic Support:** For metal surfaces, attach the magnetic support to the laser level and secure it to the desired metal surface.
4. **Using a Tripod:** The device features a 1/4" mounting thread at the bottom. Use the included 1/4" tripod adapter to mount it onto a compatible tripod for precise height and angle adjustments.

1. Powering On/Off:

To power on the device, slide the main switch to the right. To power off, slide the switch to the left. The laser level will perform a self-test upon startup.

2. Self-Leveling Function:

The device features an automatic self-leveling function. If the angle of inclination is within 3 degrees, the laser lines will stabilize and level automatically. If the angle exceeds 3 degrees, the laser light will continuously flash, indicating that the device is out of its self-leveling range. Adjust the position of the laser level until the lines stop flashing and become stable.



Figure 4: Illustration showing the laser level indicating an angle greater than 3 degrees, which causes the laser lines to flash, signaling that it is outside its self-leveling range.

3. Switching Laser Modes:

Use the touch buttons on the control panel or the remote control to switch between laser line modes:

- **"H" Button:** Press to activate or deactivate horizontal laser lines.
- **"V" Button:** Press to activate or deactivate vertical laser lines.
- You can activate horizontal and vertical lines simultaneously for cross-line projection.

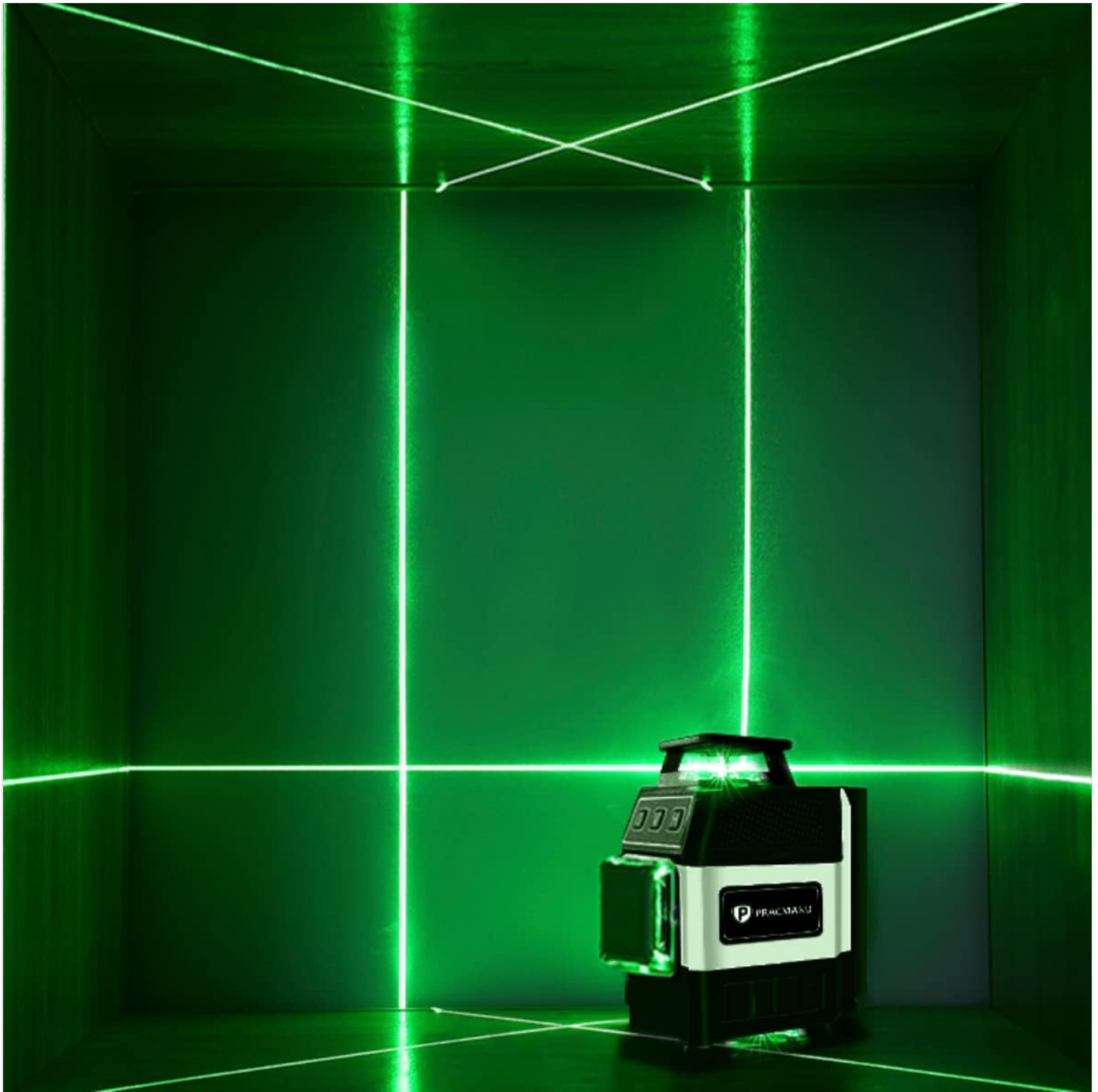


Figure 5: The PRACMANU laser level projecting bright green horizontal and vertical lines onto the walls of a room, demonstrating its 360-degree coverage.

4. Adjusting Laser Brightness:

To adjust the brightness of the laser lines:

- **Decrease Brightness:** Long press the "V" button.
- **Increase Brightness:** Long press the "H" button.

This feature allows for optimal visibility in various lighting conditions, both indoors and outdoors.

MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your laser level.

- **Cleaning:** Regularly wipe the device with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the laser windows are clean for clear projection.
- **Storage:** When not in use, store the laser level and its accessories in the provided carrying bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** If storing for extended periods, charge the battery periodically (e.g., every 3 months) to maintain its health. Avoid fully discharging the battery frequently.
- **Calibration Check:** Periodically check the calibration of the device as described in the troubleshooting section to ensure continued accuracy.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Laser lines are flashing continuously.	The device is out of its self-leveling range (inclination > 3 degrees).	Adjust the position of the laser level to a flatter surface until the lines stabilize.
Device does not power on.	Low battery or no charge.	Connect the charger and allow the battery to charge. Ensure the main switch is in the ON position.
Laser lines are dim or unclear.	Laser windows are dirty; ambient light is too bright; brightness setting is too low.	Clean the laser windows. Use the brightness adjustment feature (long press H button) to increase brightness. Reduce ambient light if possible.
Inaccurate measurements.	Device is not properly leveled; device needs calibration.	Ensure the device is on a stable, level surface and the self-leveling function has stabilized. Refer to the self-test calibration function mentioned in the product description for advanced calibration if needed.

SPECIFICATIONS

Brand	PRACMANU
Model	B0C37NGX1Z
Laser Lines	12 Green Lines (4D)
Self-Leveling Range	±3 degrees
Material	Plastic, Metal
Power Source	Battery
Voltage	110-220 Volts (Charger)
IP Rating	IP54 (Water and Dust Resistant)
Dimensions (L x W x H)	9 x 8 x 10 cm (approx. 3.5 x 3.1 x 3.9 inches)
Weight	2 kg (approx. 4.4 lbs)

WARRANTY AND SUPPORT

Warranty information for your PRACMANU Professional 12-Line Green Laser Level is typically provided with your purchase documentation or can be found on the official PRACMANU website. Please retain your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance beyond this manual, or inquiries regarding parts and service, please contact PRACMANU customer service through the contact information provided on their official website or through your retailer.

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