RONGPRO YMX88201

RONGPRO Self-Leveling Laser Level User Manual

Model: YMX88201
Brand: RONGPRO

Introduction

Thank you for choosing the RONGPRO Self-Leveling Laser Level. This precision tool is designed to provide accurate horizontal and vertical lines for various indoor and outdoor leveling and alignment tasks. Please read this manual thoroughly before operation to ensure safe and effective use of your device.

Product Overview

Package Contents



Image: The RONGPRO Self-Leveling Laser Level, magnetic mount, carrying pouch, and operating instruction manual.

- RONGPRO Self-Leveling Laser Level
- Magnetic Mount Base
- Carrying Pouch
- Operating Instruction Manual

Key Features

- **Self-Leveling Function:** Automatically levels within 4 degrees of inclination.
- **Cross-Line Laser:** Projects bright horizontal and vertical green laser lines.
- **Manual Mode:** Allows projection of non-level lines for angled applications.
- **Magnetic Mount:** Strong magnetic design for easy attachment to metal surfaces.
- **Durable Design:** Anti-fall and dustproof shell made of high-strength ABS and soft rubber.
- **High Visibility:** Green laser lines offer enhanced visibility for indoor and outdoor use.



Image: Examples of the laser level in use for framing, tiling, construction, and picture hanging.

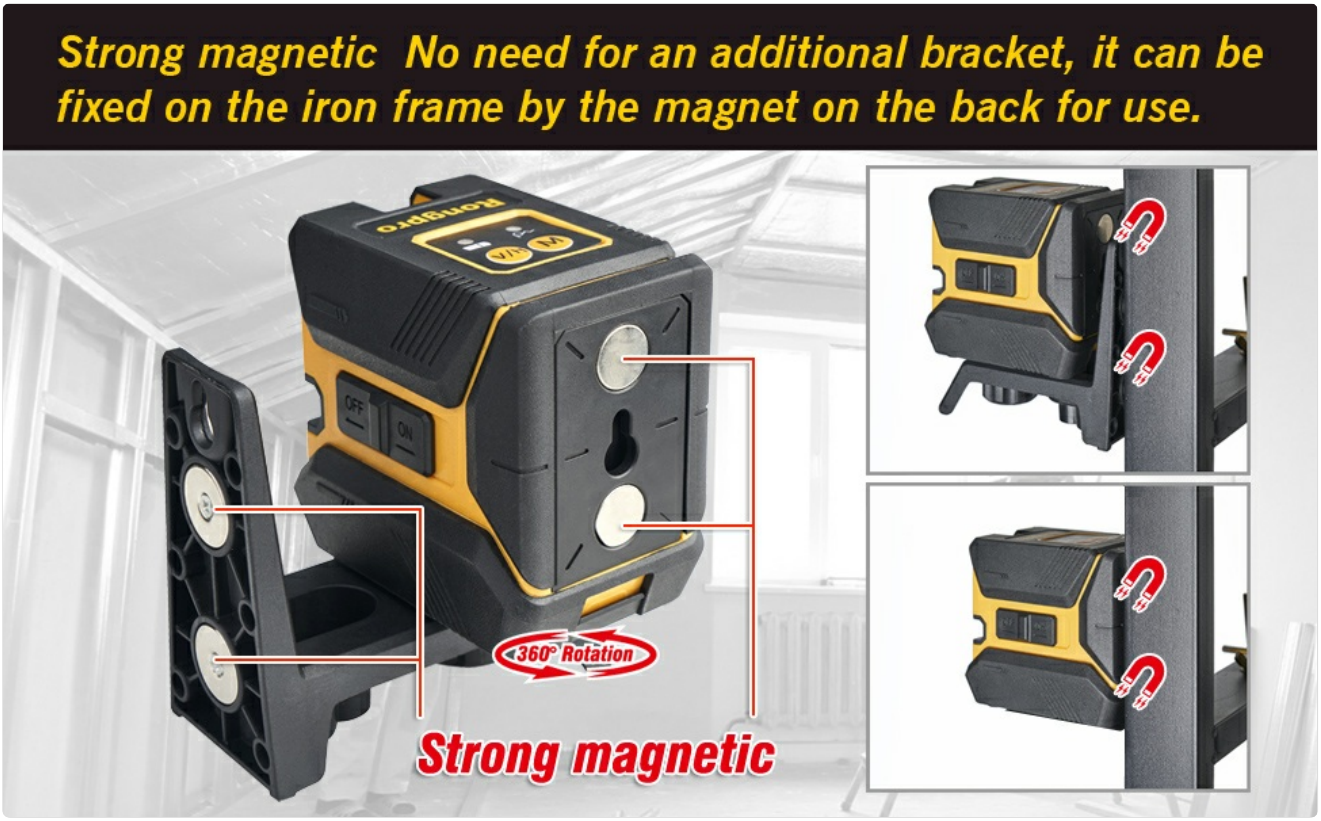


Image: Close-up of the laser level's strong magnetic back, demonstrating its ability to attach to metal frames for hands-free operation.

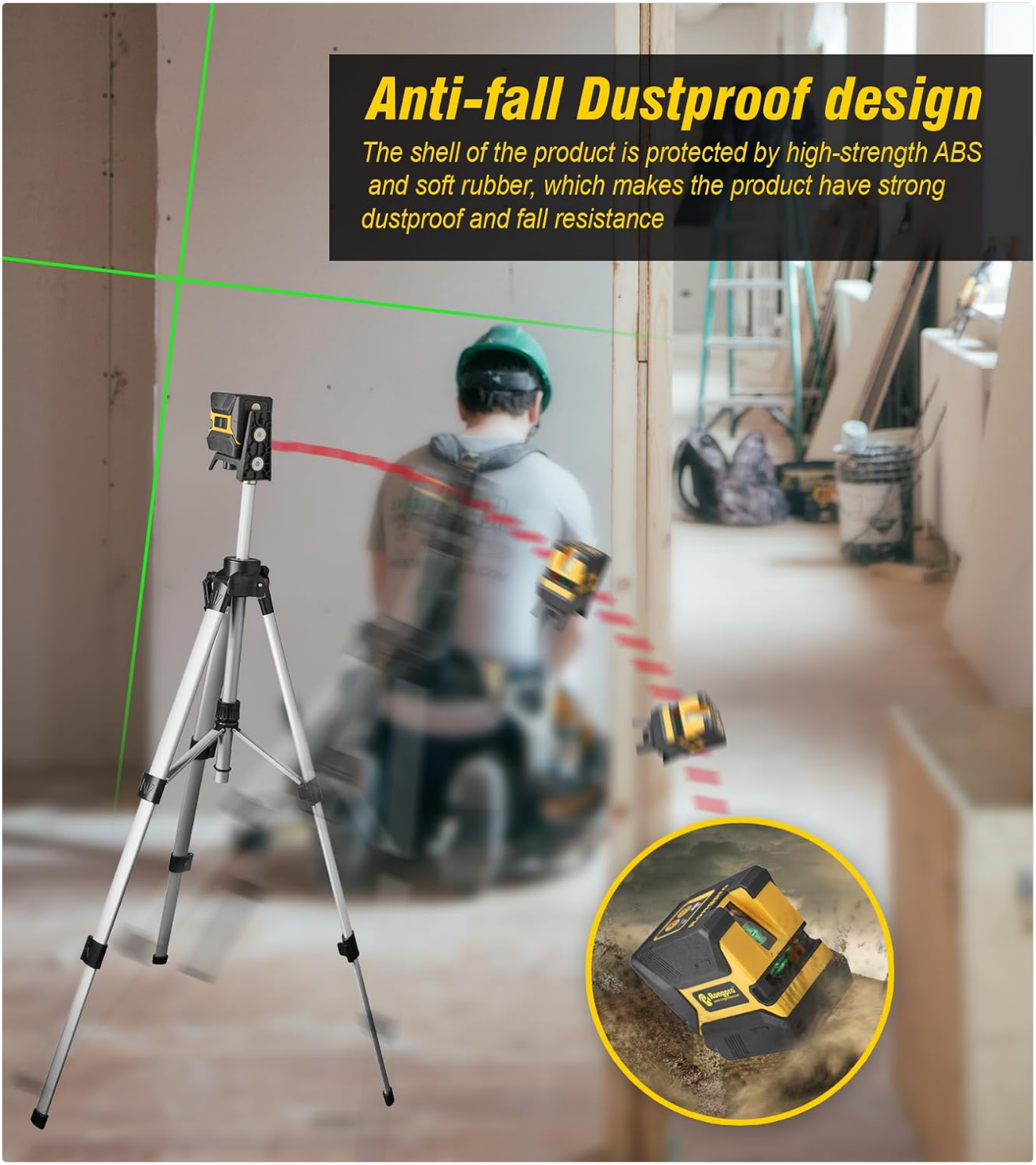


Image: Illustration of the laser level's anti-fall and dustproof design, highlighting its robust construction for job site durability.

Setup

1. Battery Installation

1. Locate the battery compartment on the back of the laser level.
2. Open the battery cover.
3. Insert three (3) AA batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.

Note: Batteries are not included with the product. Always use fresh, high-quality batteries for optimal performance.

2. Mounting the Device

The RONGPRO laser level offers versatile mounting options:

- **Magnetic Mount:** Use the integrated strong magnets on the back of the device to attach it to metal surfaces.
- **Tripod Mounting:** The device features a 1/4-inch thread for mounting on a standard tripod (not included).
- **Magnetic L-Bracket:** The included L-bracket can be used to attach the laser level to various surfaces or to enhance magnetic mounting stability.



Image: Close-up of the laser level's control panel, including the ON/OFF switch and the V/H button, along with an illustration of its tripod mounting thread.

Operating Instructions

1. Power On/Off and Mode Selection

1. To power on the device and activate **Self-Leveling Mode**, slide the ON/OFF switch to the "ON" position. The pendulum will unlock, and the laser lines will project.
2. To power off the device, slide the ON/OFF switch to the "OFF" position. This will also lock the pendulum for safe transport.

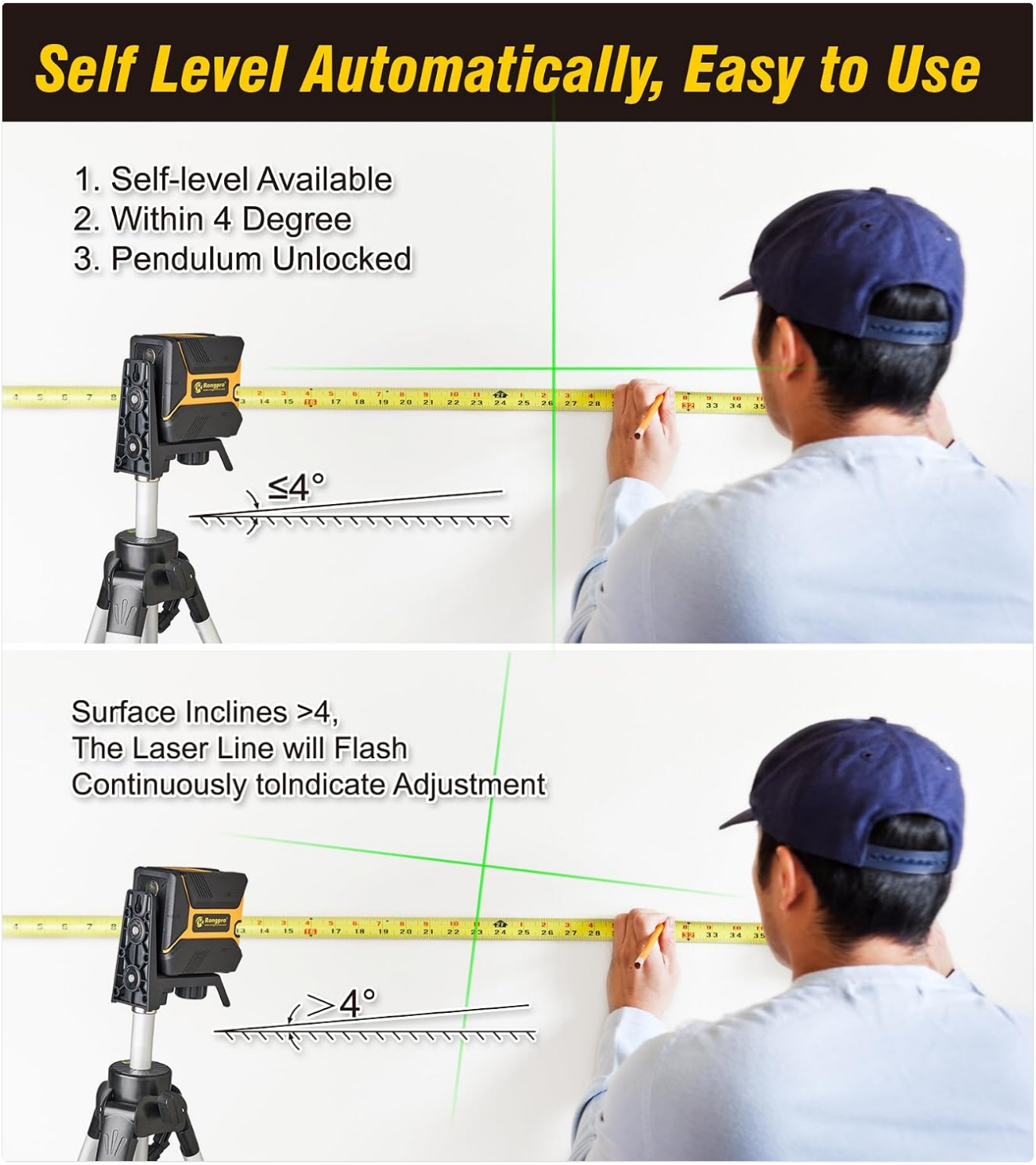


Image: Demonstrates the self-leveling function. When the device is within 4 degrees of level, it self-levels. If the surface inclination exceeds 4 degrees, the laser line will flash continuously to indicate the need for adjustment.

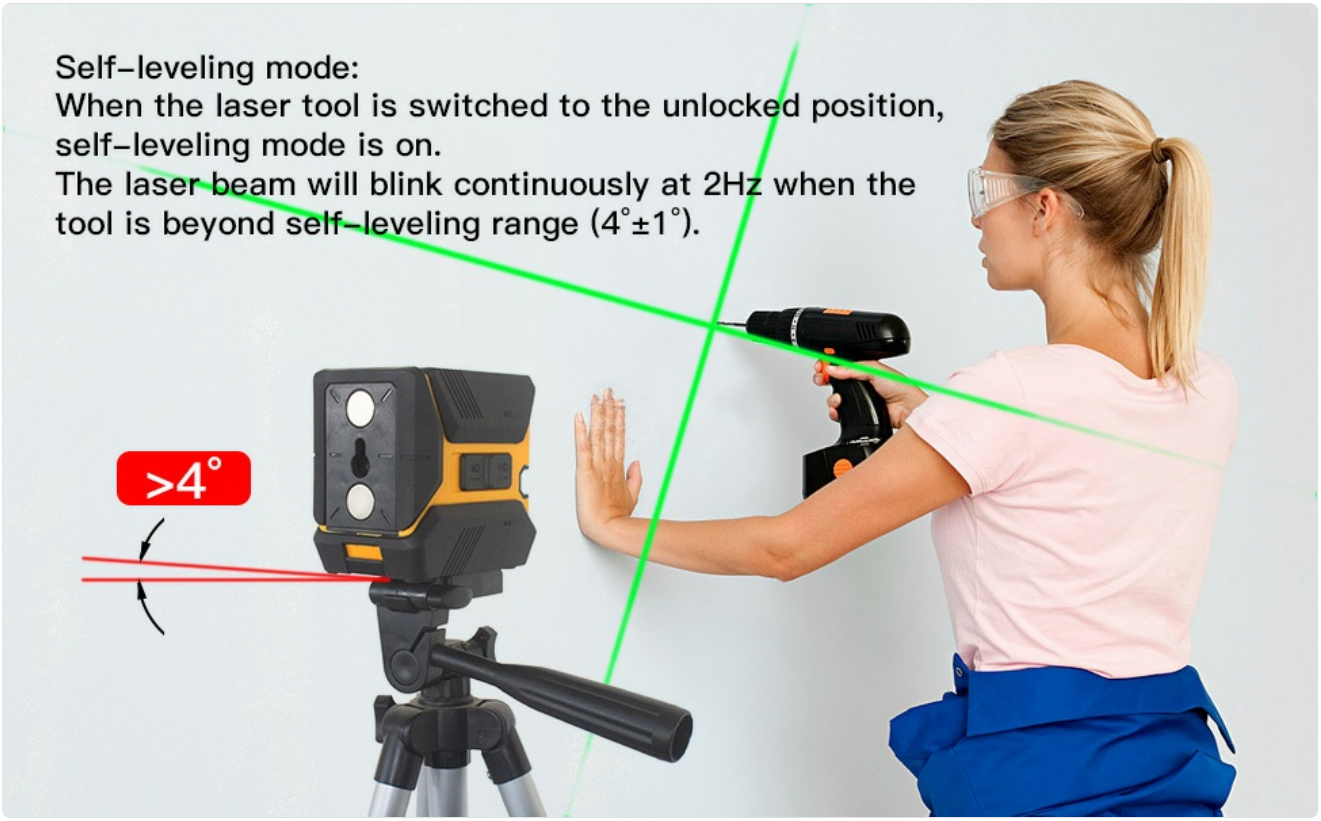


Image: Illustrates the self-leveling mode. When the laser tool is switched to the unlocked position, self-leveling mode is active. The laser beam will blink continuously at 2Hz if the tool is beyond its self-leveling range (4°±1°).

2. Manual Mode (Slash Function)

To project non-level lines for specific applications (e.g., stairs, angled installations):

1. From the "OFF" state, long press the "V/H" key for 3 seconds. The laser will turn on, and the self-leveling function will be disabled, allowing for angled projection.
2. To turn off the slash function and return to self-leveling mode (if the switch is "ON"), long press the "V/H" key for another 3 seconds.



Image: Demonstrates the manual mode (slash function) for projecting angled laser lines, useful for applications like stair railings or decorative patterns.

3. Switching Laser Lines (V/H Button)

Once the device is powered on:

- Press the "V/H" button once to cycle through laser line modes: Horizontal Line only, Vertical Line only, or Cross Lines (both Horizontal and Vertical).



Image: Shows the different laser line modes (Vertical, Horizontal, Cross Line) and indicates brightness adjustment options (65% and 85%).

4. Brightness Adjustment (M Button)

Press the "M" button to adjust the brightness of the laser lines. This can help conserve battery life or optimize visibility in

different lighting conditions.

Safety Precautions

- **WARNING: Do not stare directly into the laser beam.**
- Avoid direct eye exposure to the laser beam.
- Do not aim the laser at people or animals.
- This device is a Class II laser product.
- Keep out of reach of children.
- Use the device only for its intended purpose.

Maintenance

- **Cleaning:** Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the laser level in its carrying pouch in a cool, dry place, away from direct sunlight.
- **Battery Removal:** Remove batteries if the device will not be used for an extended period to prevent leakage and damage.
- **Calibration:** If you suspect the laser level is out of calibration, contact customer support for assistance. Do not attempt to disassemble or repair the device yourself.

Troubleshooting

Problem	Possible Cause	Solution
Laser lines are dim or not visible.	Low batteries; excessively bright ambient light; laser brightness setting too low.	Replace batteries; use in lower light conditions; press 'M' button to increase brightness.
Laser lines are blinking rapidly.	Device is outside its self-leveling range (inclination > 4°).	Place the device on a more level surface until the blinking stops.
Device does not power on.	No batteries; incorrect battery polarity; dead batteries.	Install batteries; check battery polarity; replace batteries.
Laser lines are not level in self-leveling mode.	Device is not on a stable surface; pendulum is locked; device is faulty.	Ensure stable placement; check ON/OFF switch is in "ON" (unlocked) position; contact support if issue persists.

Specifications

- **Brand:** RONGPRO
- **Model:** YMX88201

- **Operation Mode:** Automatic (Self-leveling)
- **Laser Color:** Green
- **Self-Leveling Range:** ±4°
- **Material:** Alloy Steel, High-strength ABS, Soft Rubber
- **Item Weight:** 1.41 pounds (approx. 0.64 kg)
- **Package Dimensions:** 7.95 x 6.42 x 3.78 inches (approx. 20.2 x 16.3 x 9.6 cm)
- **Special Features:** Green-line, Self-leveling, Magnetic Mount
- **Batteries Required:** Yes (3 x AA, not included)
- **Date First Available:** December 30, 2023

Warranty and Support

For warranty information, technical support, or service inquiries, please contact RONGPRO customer service through the retailer where the product was purchased or visit the official RONGPRO website. Please have your model number (YMX88201) and purchase date available when contacting support.
Visit the RONGPRO Store on Amazon for more products and information.

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