

**Prexiso PLC30GLIT**

# PREXISO Laser Level with Tripod User Manual

Model: PLC30GLIT

## INTRODUCTION

This manual provides detailed instructions for the operation, maintenance, and troubleshooting of your PREXISO Laser Level with Tripod. This precision tool is designed for accurate leveling and alignment tasks in various applications, from home renovation to professional construction. Please read this manual thoroughly before using the device to ensure safe and efficient operation.



Image: The PREXISO Laser Level, shown with its accompanying 37-inch tripod, magnetic base, target plate, and storage bag. The laser level projects green horizontal and vertical lines.

## PRODUCT FEATURES

- **Dual Modules & 3 Projecting Modes:** Equipped with two laser sources for enhanced accuracy. Projects bright horizontal, vertical, and cross lines, offering stable and precise leveling.
- **Expansion Angle & Green Beam:** Features a wide vertical beam spread, allowing projection of a vertical line from floor to ceiling. The green laser is significantly brighter than red lasers, providing maximum visibility up to 100 ft with high accuracy. This is a Class II laser product with a maximum laser output of less than 1mW.
- **Type-C Charging & Universal Usage:** Includes a built-in 2600 mAh rechargeable Lithium-ion battery. The rotatable 360° magnetic mounting base allows assembly with the 1/4"-20 threaded mount at the bottom of the tool. Suitable for diverse applications such as paving tiles, installing carpentry for doors, windows, or furniture, and hanging wallpaper. The PREXISO line laser is designed to be dustproof, wear-resistant, and resistant to cold and high temperatures, with a TPE soft rubber covering for shock resistance and comfortable grip.
- **Self-Leveling & Manual Mode:**
  - In **Self-Leveling Mode** (switch to "unlocked"), the tool automatically levels itself within  $\pm 4^\circ$  of horizontal. If the tilt exceeds 4 degrees, the lasers will blink to indicate an out-of-level condition.

- In **Manual Mode** (slide switch to "lock" and press button for 3 seconds), the self-leveling feature is disabled, allowing for projection of locked lines at various angles for specific alignment needs.
- **Bonus Laser Level Tripod:** The included tripod extends up to 37-1/2 inches, aiding in precise laser positioning. It has a closed height of 12-1/4 inches for easy storage and features a standard 1/4" quick-release plate for quick installation and removal of the laser level.

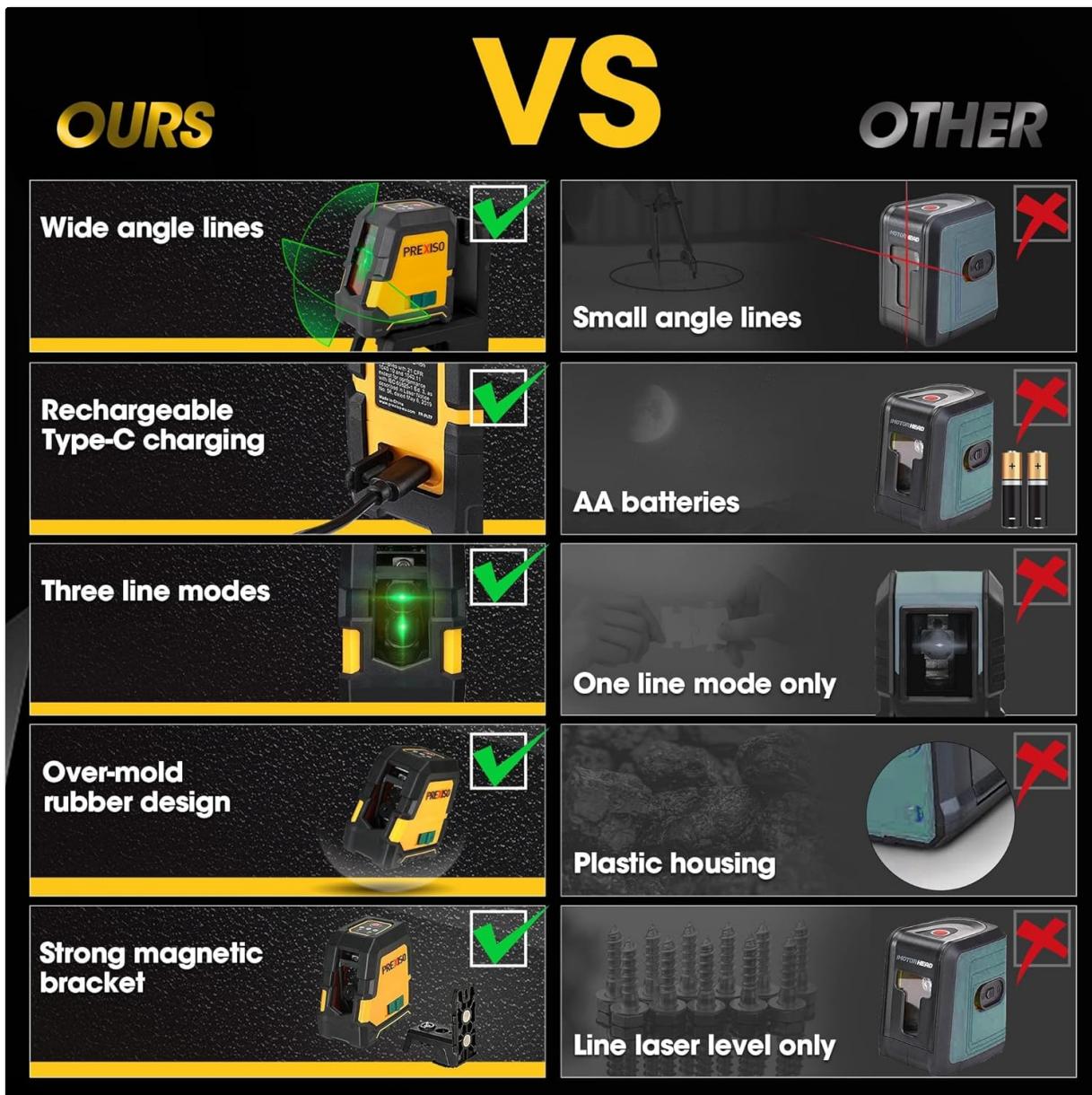


Image: A comparison highlighting key features of the PREXISO laser level, including wide-angle lines, rechargeable Type-C charging, three line modes, over-mold rubber design, and a strong magnetic bracket.

## PACKAGE CONTENTS

The PREXISO Laser Level with Tripod package includes the following items:

- 1 x Green Cross Laser Level
- 1 x 37-1/2 inch Tripod
- 1 x Magnetic Base
- 1 x Target Plate
- 1 x Storage Bag
- 1 x Type-C Charging Cable



Image: Visual representation of the package contents, including the wide-angle laser level, 37.5-inch tripod, magnetic base, target plate, storage bag, and Type-C charging cable.

## SETUP

- 1. Charging the Device:** Before first use, fully charge the built-in 2600 mAh Lithium-ion battery using the provided Type-C charging cable. Connect the cable to the charging port on the device and a suitable USB power source. The charging status LED will indicate charging progress.
- 2. Attaching the Magnetic Base:** The laser level can be attached to the rotatable 360° magnetic mounting base. Align the 1/4"-20 threaded mount on the bottom of the laser level with the corresponding screw on the magnetic base and tighten securely.
- 3. Setting up the Tripod:**
  - Extend the tripod legs to the desired height. The tripod can expand up to 37-1/2 inches.
  - Secure the leg adjustments using the adjustment buckles.
  - Attach the laser level (with or without the magnetic base) to the tripod's 1/4" quick-release plate. Ensure it is securely fastened.
  - Adjust the tripod's rotary lifting rocker and neck extension locking mechanism to fine-tune the laser level's position and height.
- 4. Placement:** Place the laser level on a stable, flat surface or mount it using the magnetic base on a metal surface. For optimal self-leveling, ensure the surface is within  $\pm 4^\circ$  of horizontal.



## QUICK SET UP LASER TRIPOD

Image: A hand demonstrating the quick setup of the laser level on the included tripod, emphasizing ease of assembly.

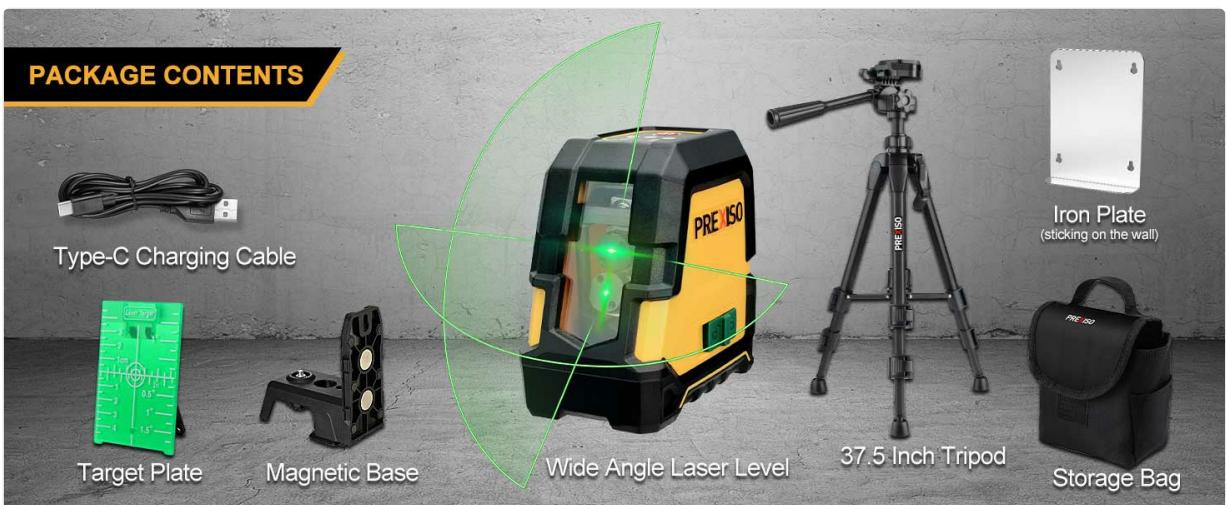


Image: Detailed illustration of the tripod's features, including the quick release plate, 1/4"-20 screw mount, 360° magnetic bracket, neck extension locking, rotary lifting rocker, adjustment buckle, and non-skid horseshoe rubber feet.

## OPERATING MODES

The PREXISO Laser Level offers two primary operating modes: Self-Leveling Mode and Manual Mode.

## 1. Self-Leveling Mode (Automatic)

This mode is ideal for applications requiring perfectly level or plumb lines, such as hanging pictures, installing shelves, or aligning tiles.

1. **Activation:** Slide the main switch on the side of the device to the "unlocked" position (indicated by an open padlock icon).
2. **Automatic Leveling:** The tool will automatically level itself within a  $\pm 4^\circ$  range. The laser lines will stabilize once leveled.
3. **Out-of-Level Indication:** If the device is placed on a surface that tilts more than 4 degrees, the laser lines will blink rapidly, indicating that it cannot self-level. Adjust the position of the device or the tripod until the lines stop blinking and become stable.
4. **Mode Selection:** Press the power button (red circle with power symbol) to cycle through the available projection modes: horizontal line, vertical line, or cross lines (both horizontal and vertical).

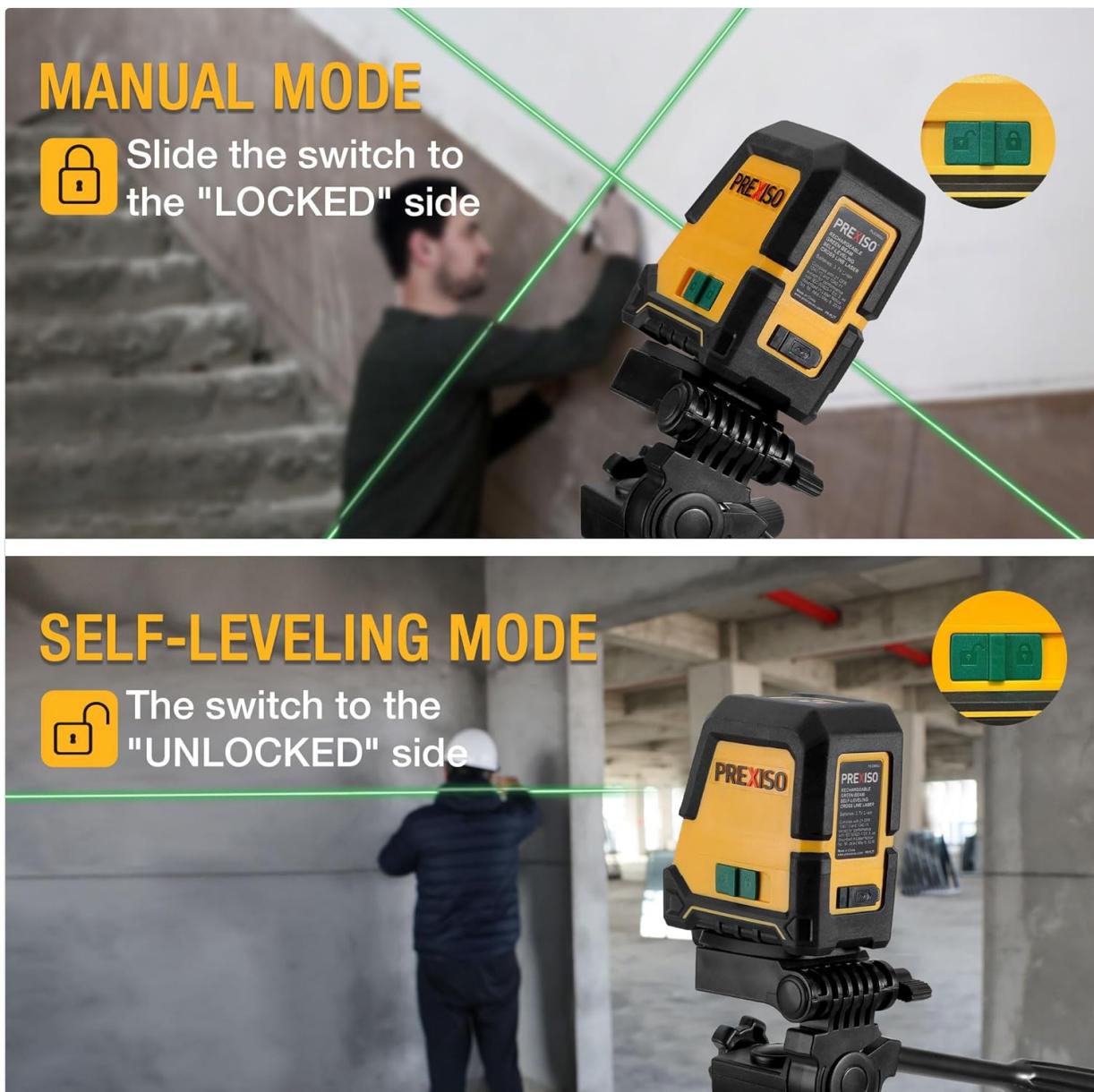


Image: Top section shows the laser level in Manual Mode with the switch in the "LOCKED" position. Bottom section shows the laser level in Self-Leveling Mode with the switch in the "UNLOCKED" position, projecting a horizontal line.

360°

# MULTIPLE WAYS OF USING



With a 1/4"-20 threaded mount,  
the laser level can be mounted  
onto a tripod. (included)



Affixed to most metal surface using the magnetic bracket (included)

Image: Illustration demonstrating the Self-Leveling Automatic Mode, indicating that the device self-levels within  $\pm 4$  degrees and blinks if the surface tilt exceeds this range.

## 2. Manual Mode (Locked)

This mode is used when you need to project lines at a specific angle that is not perfectly level or plumb, such as for staircase installations or decorative patterns.

- Activation:** Slide the main switch on the side of the device to the "lock" position (indicated by a closed padlock icon).
- Line Projection:** Press and hold the power button for 3 seconds to turn on the laser. The self-leveling feature will be disabled, allowing you to project lines at any desired angle.
- Mode Selection:** Short press the power button to cycle through horizontal, vertical, or cross line projections.

## APPLICATIONS AND USAGE

The PREXISO Laser Level is a versatile tool suitable for a wide range of indoor and outdoor applications:

- General Leveling:** Ideal for ensuring straight lines when hanging pictures, shelves, or cabinets.
- Tile Installation:** Provides precise guidelines for laying floor or wall tiles, ensuring even spacing and alignment.
- Carpentry and Framing:** Useful for aligning studs, installing doors and windows, or setting up furniture.
- Wallpaper Hanging:** Ensures perfectly straight edges for wallpaper application.
- Electrical Installations:** Helps in aligning light fixtures, outlets, and switches.

# MULTIPLE WAYS OF USING

360°



With a 1/4"-20 threaded mount, the laser level can be mounted onto a tripod. (Tripod not included)



Affixed to most metal surface using the magnetic bracket (included)

Image: Demonstrates various applications of the laser level, including mounting on a tripod and affixing to metal surfaces using the magnetic bracket.



Image: Collage showing the PREXISO laser level being used for house construction, hanging paintings, cabinet installation, and floor tiling, illustrating its versatility.

## MAINTENANCE

- **Cleaning:** Regularly clean the laser level with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the laser apertures are free from dust and debris for optimal performance.
- **Storage:** Store the device and its accessories in the provided storage bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the device regularly, especially if it will be stored for an extended period.
- **Handling:** Handle the laser level with care. Avoid dropping or subjecting it to strong impacts, as this can affect its calibration and internal components.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Laser lines are blinking rapidly in Self-Leveling Mode.	The device is out of its self-leveling range (tilted more than $\pm 4^\circ$ ).	Adjust the position of the laser level or the tripod until it is within the $\pm 4^\circ$ range. The lines will become stable.
Laser does not turn on.	Battery is low or depleted.	Charge the device using the Type-C charging cable. Ensure the charging indicator light is active.
Laser lines are dim or not visible.	Operating in bright light conditions or at maximum range.	Use the target plate to enhance visibility. For outdoor use, consider using a laser detector (not included). Ensure the laser apertures are clean.
Inaccurate measurements or lines.	Device may require recalibration or has been subjected to impact.	Perform a calibration check as per the full instruction manual (if available). If issues persist after impact, contact customer support.

## SPECIFICATIONS

Specification	Value
Brand	Prexiso
Model Number	PLC30GLIT
Material	Thermoplastic Elastomers, Rubber
Product Dimensions	12"L x 2"W
Item Weight	4.5 Pounds
Operation Mode	Manual, Automatic
Battery Type	1 Lithium Ion battery (included)
Special Features	Self-leveling, Green-line
Laser Class	Class II, < 1mW

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact PREXISO customer service through the retailer's platform or the official PREXISO website. Keep your purchase receipt as proof of purchase for any warranty claims.

For additional resources and product information, visit the [Prexiso Store on Amazon](#).

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Documents - Prexiso – PLC30GLIT

[\[pdf\]](#) Instructions Warranty Label

PLC30GLIT MANU Rechargeable Green Beam Self Leveling Cross Line Laser 5 8x11 green beam self leveling cross line laser Turn the on only when using this tool MAINTENANCE APPLICATIONS This compact measuring has been designed to be a low maintenance 81fyrS4g4VL ref dp product quick view m media amazon images I |||

IMPORTANT: Read before Using EN IMPORTANT SAFETY INSTRUCTIONS Measurement tools can only be used ... applications or handling methods not mentioned herein may result in dangerous radiation exposure. **PLC30GLIT** RECHARGEABLE GREEN BEAM SELF-LEVELING CROSS LINE LASER 2 LIMITED WARRANTY YEARS PLC30GLI...

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