

Prexiso PLC3-360GC

PREXISO 3 X 360° Green Laser Level with Tripod - Instruction Manual

Model: PLC3-360GC

1. INTRODUCTION

The PREXISO 3 X 360° Green Laser Level is a versatile tool designed for various leveling and alignment tasks in construction, tile installation, home renovation, and other DIY projects. This manual provides essential information for safe and effective use of your laser level.

2. SAFETY INSTRUCTIONS

WARNING: LASER RADIATION

- Do not stare into the laser beam. This is a Class II laser product with a maximum output of < 1mW.
- Do not remove or deface any product labels on the device.
- Avoid direct eye exposure to the laser beam.
- Do not operate the tool around children or allow children to operate the tool.
- Do not place the tool in a position that may cause anyone to stare at the laser beam, whether intentionally or unintentionally.
- Do not use on reflective surfaces such as shiny steel, glass, or polished metal, as the shiny surface could reflect the beam back at the operator.
- Always turn the laser tool off when not in use.
- Do not attempt to modify the performance of the laser device in any way. This may result in dangerous exposure to laser radiation.
- Use only accessories that have been designed for use with other laser tools.
- Exercise caution when operating outdoors, as laser visibility may be reduced.

3. PACKAGE CONTENTS

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

- 1 x PREXISO 3 X 360° Green Laser Level
- 1 x 37-1/2 inch Tripod
- 1 x Iron Plate (for wall mounting)
- 1 x Magnetic Pivoting Base
- 1 x Type-C Charging Cable
- 1 x Portable Bag
- 1 x Operator's Manual



Image: PREXISO 3 X 360° Green Laser Level and accessories.

4. SPECIFICATIONS

Component	Specification
Laser	510-530 nm, Class II laser, maximum laser output < 1mW
Operating Range (typically)	82ft (25m) under 100LUX indoor environment
Accuracy (typically)	±3/16" @32ft (±3mm @10m)
Self-leveling range	±4° (±1.5°)
Estimated battery life	>3.5h (Li-ion battery)
Optimum operating temperature	14°F to 104°F (-10°C to 40°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Batteries	Rechargeable Lithium-ion battery
Material	Aluminum, Metal
Item Weight	4.75 pounds (2.16 Kilograms)

5. SETUP

5.1 Battery Installation and Charging

1. Locate the battery compartment on the laser level.
2. Insert the rechargeable lithium-ion battery, ensuring correct polarity.
3. Connect the provided Type-C charging cable to the charging port on the laser level and to a suitable USB power source.
4. The battery can be charged separately or while inside the laser tool.

DUAL POWER CHARGE

3.7V Li-ion Battery Direct Charging



Type-C Charging with Battery Inside

Pay attention to the polarity when installing the battery



Image: Dual Power Charge methods for the PREXISO laser level.

5.2 Mounting Options

The PREXISO laser level offers multiple mounting solutions:

- **Tripod Mounting:** The laser level features a 1/4"-20 thread on its base, allowing it to be securely mounted onto the included tripod. The tripod can extend up to 37-1/2 inches and offers pan, tilt, and height adjustments.
- **Magnetic Bracket:** The included magnetic pivoting base allows the laser level to be affixed to metal surfaces. This bracket also features 1/4"-20 mount threads for tripod compatibility.
- **Iron Plate:** For non-magnetic surfaces, the iron plate can be screwed to a wall, providing a metal surface for the magnetic bracket to attach to.

STRONG MAGNETIC BRACKET & WALL MOUNT PLATE



**Easily mounted on metal/wood/
concrete wall surfaces**

Image: Strong Magnetic Bracket and Wall Mount Plate.

6. OPERATING MODES

The laser level features a sliding switch on the side to power on/off and lock/unlock the pendulum, and a power button on top to cycle through laser modes.

4 MODE LINE COMBINATION

3 - Line Green Laser Level

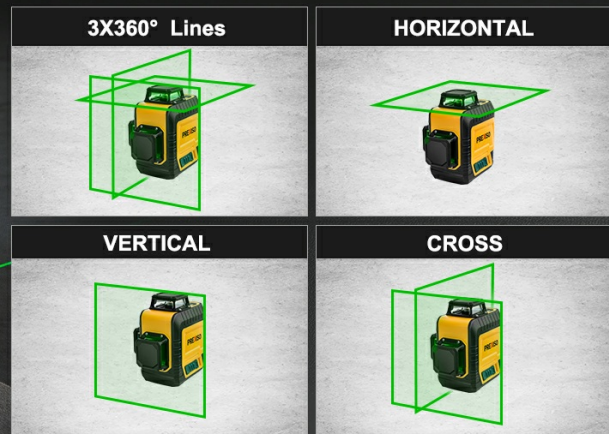


Image: Bright Green Laser Diode with labeled components.

6.1 Self-Leveling Mode

1. Slide the side switch to the "ON" position to unlock the pendulum and activate self-leveling mode.
2. The tool will automatically level itself if it is within $\pm 4^\circ$ of horizontal.
3. If the surface tilt exceeds 4 degrees, the laser lines will blink as an alarm, indicating it is out of level.

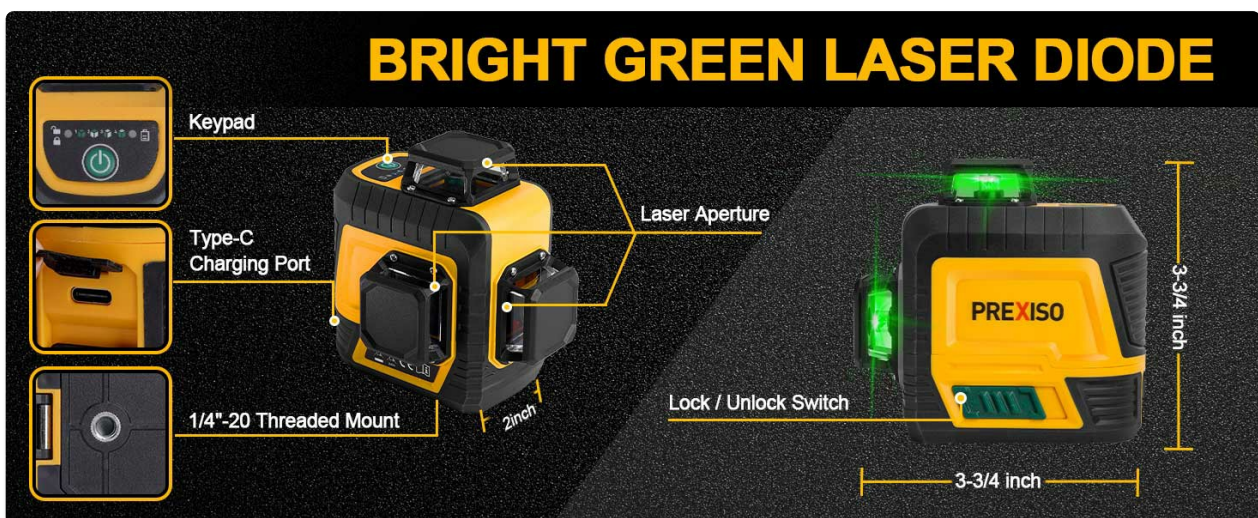


Image: Self-Leveling Automatic Mode operation.

6.2 Manual/Lock Mode

1. Slide the side switch to the "OFF" position to lock the pendulum.
2. Press and hold the power button on top for 3 seconds to turn on the laser in manual mode.
3. In this mode, the self-leveling feature is disabled, allowing you to project lines at any desired angle.
4. Short press the power button to switch between horizontal, vertical, or cross modes.



Image: Self-Leveling Mode vs. Manual/Lock Mode.

SELF LEVELING AUTOMATIC MODE
Within ± 4 degrees with an accuracy of $\pm 3/16"$ at 32 Ft

Slide the switch to "ON" side

Press to switch horizontal, vertical, cross modes

Slide the switch to "OFF" side to turn off/on the laser

If the surface tilt more than 4 degrees, the laser flashes

Self level within $\pm 4^\circ$ of horizontal

Image: Manual Mode for angled lines.

6.3 Switching Laser Lines

The PREXISO laser level features 3 x 360° full green laser layouts (one horizontal and two vertical). In either self-leveling or manual mode, short press the power button to cycle through the available laser line

combinations:

- 1 x 360° Horizontal line
- 2 x 360° Vertical lines
- All 3 x 360° lines (cross mode)

3-PLANE HIGH VISIBILITY CROSS LASER

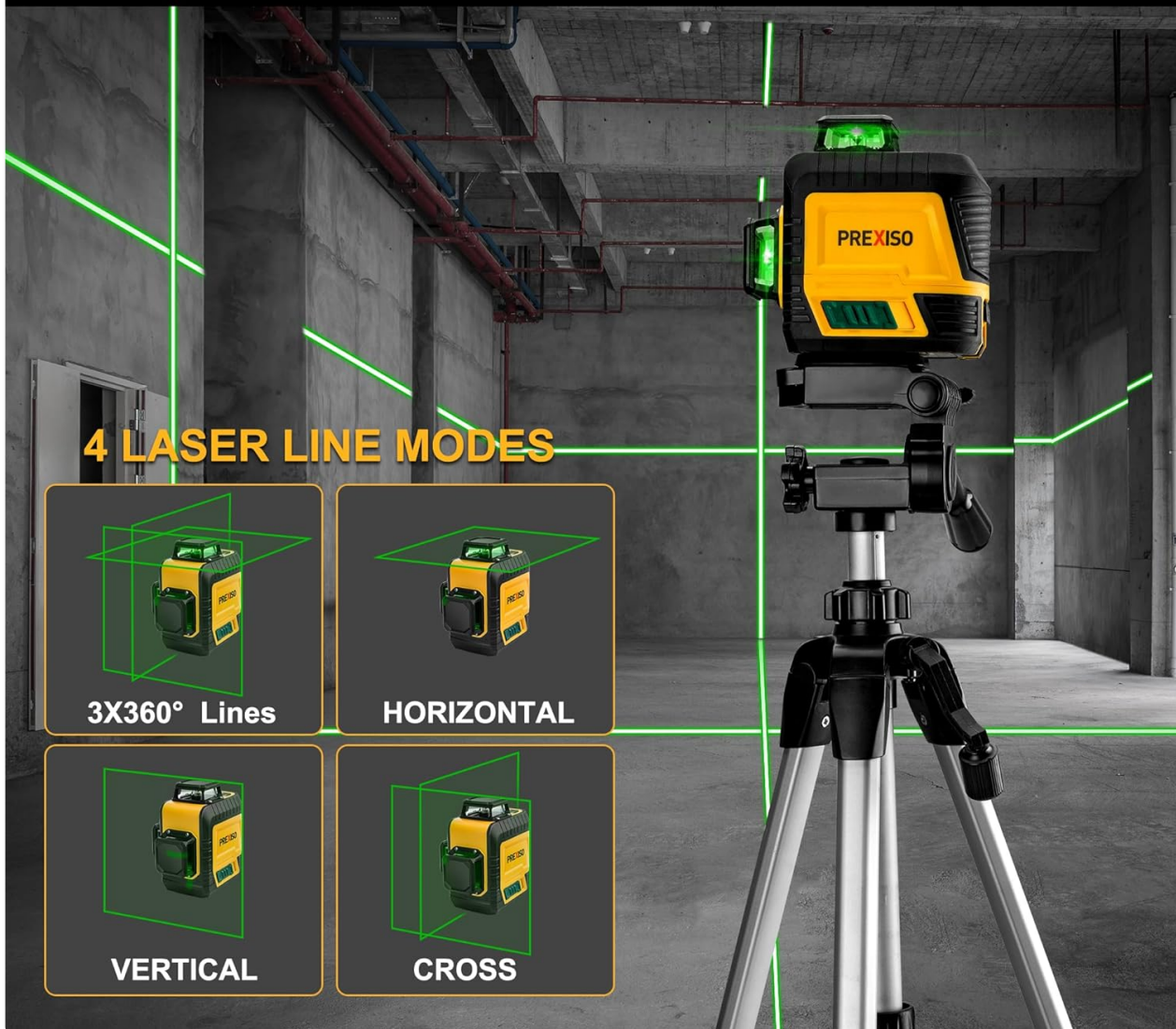


Image: 3-Plane High Visibility Cross Laser with 4 Laser Line Modes.



6.4 Pulse Mode

The laser level features a pulse mode for use with an optional laser receiver (sold separately). In receiver mode, the laser lines flash at a very high frequency, making them detectable by the receiver, which is useful in bright conditions or over longer distances. When pulse mode is active, the laser lines may appear less visible to the human eye.

To activate/deactivate pulse mode, press the receiver mode button (G) on the keypad.

7. APPLICATIONS

The PREXISO 3 X 360° Green Laser Level is suitable for a wide range of indoor and outdoor applications, including but not limited to:

- **Construction:** Establishing level and plumb lines for framing, wall layouts, and foundation work.
- **Tile Installation:** Ensuring straight and even tile lines on floors and walls.
- **Home Renovation:** Installing cabinets, shelves, pictures, and decorative elements with precision.
- **Electrical & Plumbing:** Aligning electrical wiring, pipes, and conduits.
- **Staircase & Railing Installation:** Projecting angled lines for accurate stair stringer and railing placement in manual mode.

Green beam **3 Plane Laser**
for High visibility
and Precise Alignment



Magnetic bracket
for easy use on metal surface

Simple **one-button** operation
for all situations



Image: Green beam 3 Plane Laser for high visibility and precise alignment.



MANUAL MODE
PROVIDE STRAIGHT LINE IN ANY ANGLE YOU WANT



1.
Slide the switch to "OFF" side



2.
Press and hold for 3S to turn
on/off the laser



3.
Short press to switch horizontal ,
vertical, cross modes

Image: Multiple Ways of Using the laser level.

8. MAINTENANCE

- Keep the laser level clean and free from dust and debris. Use a soft, dry cloth to clean the laser light aperture.
- Store the device in its portable bag in a cool, dry place when not in use.
- Regularly charge the lithium-ion battery to maintain its performance and lifespan.
- Do not immerse the device in water or other liquids.

9. TROUBLESHOOTING

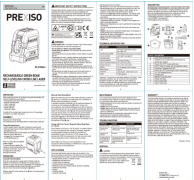
- **Laser lines blinking:** If the laser lines are blinking rapidly in self-leveling mode, the device is tilted beyond its $\pm 4^\circ$ self-leveling range. Adjust the position of the laser level until the lines become solid.
- **No laser lines:** Ensure the battery is charged and properly inserted. Check that the side switch is in the "ON" position for self-leveling mode or that the power button has been held for 3 seconds for manual mode.
- **Reduced visibility:** In bright ambient light or outdoors, the visibility of the green laser lines may be reduced. Consider using pulse mode with an optional laser receiver for improved detection.





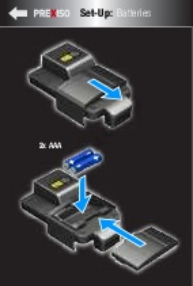
10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official PREXISO website or contact their customer service. Keep your purchase receipt as proof of purchase.

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Related Documents - PLC3-360GC

	<p>Prexiso PLC30GLI Rechargeable Green Beam Self-Leveling Cross Line Laser User Manual</p> <p>User manual for the Prexiso PLC30GLI rechargeable green beam self-leveling cross line laser. Includes safety instructions, specifications, operation, maintenance, troubleshooting, and warranty information.</p>
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	<p><u>PREXISO PLC360SGT Green Beam Cross Line Laser Level with Tripod - User Manual</u></p> <p>Comprehensive user manual for the PREXISO PLC360SGT Green Beam Cross Line Laser Level with Tripod. Find detailed information on safety, operation, technical specifications, applications, maintenance, troubleshooting, and warranty. Features self-leveling 360° green beam laser.</p>
	<p><u>Prexiso PLV2 Multi Surface Laser Level User Manual</u></p> <p>Comprehensive user manual for the Prexiso PLV2 Multi Surface Laser Level, covering safety instructions, operation, applications, maintenance, troubleshooting, and warranty information. Includes technical specifications and EC declaration of conformity.</p>
	<p><u>Prexiso P1P3M 2-in-1 Compact Magnetic Laser Torpedo Level User Manual</u></p> <p>User manual for the Prexiso P1P3M, a 2-in-1 compact magnetic laser torpedo level. Includes safety instructions, technical specifications, operation guidelines, maintenance, troubleshooting, and warranty information.</p>
	<p><u>Prexiso PTD180 7" Digital Spirit Level - User Manual and Specifications</u></p> <p>Comprehensive user guide for the Prexiso PTD180 7-inch digital spirit level. Covers product description, features, parts, operation instructions, technical specifications, safety guidelines, maintenance, warranty, and EC declaration of conformity.</p>
	<p><u>Prexiso IC4 Laser Distance Meter User Manual and Safety Guide</u></p> <p>Comprehensive guide to the Prexiso IC4 laser distance meter, covering setup, operations, technical specifications, care, warranty, and safety instructions. Learn how to measure, add, subtract distances, and understand device settings and laser safety.</p>