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› Pretul NL-12P Rechargeable Green Laser Level User Manual

Pretul NL-12P

Pretul NL-12P Rechargeable Green Laser Level User Manual

Model: NL-12P | Brand: Pretul

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your Pretul NL-12P Rechargeable Green Laser Level. Please read these instructions thoroughly before first use and keep them for future reference. This device is designed for precise leveling and alignment tasks in various applications.

2. SAFETY INSTRUCTIONS

WARNING: Laser Radiation. Avoid direct eye exposure.

- Do not stare directly into the laser beam.
- Do not point the laser beam at people or animals.
- Do not operate the device in explosive atmospheres.
- Keep the device out of reach of children.
- Use only the charger provided with the device.
- Do not attempt to modify or disassemble the laser level. This can lead to hazardous laser exposure and voids the warranty.
- Ensure the work area is clear of obstructions and potential hazards.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Pretul NL-12P Laser Level
- Li-ion Battery
- Charger

- Magnetic Base
- Wall Mount
- Quick-Release Tripod
- Carrying Case

Grado de protección (IP)



1ER. DÍGITO: PROTECCIÓN CONTRA SÓLIDOS	2DO. DÍGITO: PROTECCIÓN CONTRA LÍQUIDOS
X Sin protección	X Sin protección
1 Protección contra objetos de diámetro superior a 50 mm	1 Protección contra goteo vertical o condensación
2 Protección contra objetos de diámetro superior a 12 mm	2 Protección contra goteo con una inclinación de 15 grados
3 Protección contra objetos con diámetro superior a 2.5 mm	3 Protección contra goteo con una inclinación de 60 grados
4 Protección contra objetos con diámetro superior a 1 mm	4 Protección contra salpicaduras de gotas en todas direcciones
5 Protegido contra ingreso limitado de polvo	5 Protección contra chorros de agua a baja presión
6 Totalmente protegido contra polvo	6 Protección contra potentes y continuos chorros de agua
	7 Protección contra inmersiones temporales
	8 Protección contra inmersiones prolongadas o permanentes

Figure 3.1: Included accessories: carrying case and quick-release tripod.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Pretul NL-12P laser level:



Figure 4.1: Key components of the Pretul NL-12P Laser Level.

- **Laser Output Windows:** Emits the green laser beams.
- **Magnetic Base:** Allows for secure attachment to metallic surfaces.
- **Li-ION Battery:** Rechargeable power source for the device.
- **On/Off Knob:** Controls the power and locking mechanism.
- **Quick-Release Tripod:** Provides a stable base for the laser level.
- **Bubble Level:** Assists in manual leveling when self-leveling is not active.



Soporte magnético

Figure 4.2: Side view showing the magnetic base.

Incluye



Estuche



Tripié con tornillo
de 1/4" y rosca de 5/8"

Figure 4.3: Back view of the laser level.

5. SETUP

5.1 Charging the Battery

Before first use, fully charge the Li-ion battery. Connect the charger to the laser level and plug it into a power outlet. The charging indicator will show the charging status. Once fully charged, disconnect the charger.

5.2 Attaching the Tripod and Magnetic Base

The laser level can be mounted on the quick-release tripod or attached to metallic surfaces using the magnetic base.

- **For Tripod:** Screw the laser level onto the 1/4" thread of the quick-release tripod. Adjust the tripod legs for stability.
- **For Magnetic Base:** Attach the magnetic base to the bottom of the laser level. The base can then be secured to suitable metallic surfaces.



SopORTE magnético

Figure 5.1: Laser level with magnetic base.

6. OPERATION

6.1 Powering On/Off and Self-Leveling

1. To power on the device and activate self-leveling mode, rotate the On/Off knob to the unlocked position. The laser lines will automatically level within $\pm 3^\circ$. If the device is outside this range, the laser lines will flash to indicate it cannot self-level.
2. To power off, rotate the On/Off knob to the locked position. This also locks the pendulum for safe transport.

6.2 Switching Laser Lines

The NL-12P projects 12 lines (3 x 360° planes). Use the control buttons on the top of the device to switch between horizontal and vertical lines:

- Press the 'H' button to activate/deactivate horizontal laser lines.
- Press the 'V' button to activate/deactivate vertical laser lines.
- Multiple lines can be active simultaneously.

6.3 Manual Mode (Locked Pendulum)

For projecting lines at an angle, you can use the manual mode:

1. With the device powered off (knob in locked position), press and hold the 'H' or 'V' button for a few seconds to activate the laser lines in manual mode.
2. In this mode, the self-leveling function is deactivated, and the laser lines can be projected at any angle. The lines will not flash.
3. To exit manual mode, turn the device off using the On/Off knob.

Your browser does not support the video tag.

Video 6.1: Demonstration of Pretul NL-12P Laser Level features, including setup and operation of laser lines.

7. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents. Keep the laser output windows clean for optimal performance.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge the battery every 3-6 months to maintain its lifespan.
- **Storage:** When not in use, store the laser level in its carrying case in a dry, dust-free environment. Ensure the pendulum is locked before storage or transport.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Laser lines are flashing.	Device is outside its self-leveling range ($\pm 3^\circ$).	Place the laser level on a more level surface.
Laser lines are dim or not visible.	Low battery or bright ambient light.	Recharge the battery. Use the laser level in a less brightly lit environment or use a laser receiver (sold separately) for outdoor use.
Device does not turn on.	Battery is depleted or not properly inserted.	Ensure the battery is charged and correctly inserted. Check the On/Off knob is in the unlocked position.
Laser lines are not level in self-leveling mode.	Device is damaged or requires calibration.	Contact customer support for assistance. Do not attempt to repair yourself.

9. SPECIFICATIONS

Feature	Detail
Model	NL-12P
Brand	Pretul
Laser Color	Green (4X greater visibility than red laser)
Number of Lines	12 lines (3 x 360° planes)
Self-Leveling Range	± 3°
Tolerance	0.2 mm/m
Range	Up to 25 meters
Power Source	Rechargeable Li-ion Battery
Material	Plastic, Acrylonitrile Butadiene Styrene (ABS)
Color	Yellow
Product Dimensions	12 cm (length) x 10 cm (width)
Item Weight	1 Kilogram
IP Rating	IP54 (Splash Resistant, Protected against limited dust ingress)
Included Elements	Charger, Wall mount, Magnetic base, Laser level, Case, Li-ion battery, Quick-release tripod



Figure 9.1: IP54 Protection Rating details.

Grado de protección (IP)



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Figure 9.2: Product packaging highlighting key features and specifications.

For additional information and videos, please visit: [Truper Product Page](#)

10. WARRANTY AND SUPPORT

Grupo Truper offers a comprehensive warranty covering over 25,000 accessories and spare parts, with minimal or no labor cost. There are 177 service centers in Mexico and 15 Latin American countries. No purchase receipt is required to validate the warranty.

For warranty claims or technical support, please contact your local Pretul service center or visit the official Pretul website for more information.

For more information about Pretul products, visit the [Pretul Store on Amazon](#).