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Huepar AT2

Huepar AT2 360° Rotating Fine Adjustment Base for Laser Levels - Instruction Manual

Model: AT2 | Brand: Huepar

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1. PRODUCT OVERVIEW

The Huepar AT2 is a versatile 360° rotating base designed for laser levels, providing enhanced precision and flexibility for various leveling and alignment tasks. This adapter allows for fine adjustments in both horizontal rotation and X/Y axis positioning, ensuring accurate placement of your laser level on tripods or other mounting surfaces. Its robust construction ensures stability, making it an essential accessory for professionals and DIY enthusiasts alike.



Figure 1: Huepar AT2 360° Rotating Fine Adjustment Base.

2. KEY FEATURES

- **Universal Compatibility:** Features a 1/4-inch male thread on top, compatible with all Huepar laser levels and other devices with a 1/4"-20 female thread.
- **Tripod Mounting:** Equipped with a 5/8-inch female thread at the base for secure attachment to standard tripods.
- **Multi-Directional Fine Adjustment:** Three fine-adjustment knobs allow for precise 360° horizontal rotation and X/Y axis movement (left, right, forward, backward) for optimal laser line positioning.
- **Enhanced Stability:** Adjustable feet (up to 1CM) and an integrated bubble level ensure the base remains perfectly horizontal even when placed on uneven ground.
- **Durable Construction:** Made from high-quality, durable plastic and an aluminum alloy base, providing excellent stability and maintaining the accuracy of attached instruments.



Figure 2: Detailed view of the AT2 base showing dimensions and adjustment knobs.



Figure 3: Overview of the AT2's key features including 360° rotation, XY-axis adjustment, and bubble level.

3. SETUP AND INSTALLATION

- 1. Attach Laser Level:** Secure your laser level onto the 1/4-inch male thread at the top of the AT2 base. Ensure it is tightened firmly to prevent movement.
- 2. Mounting to Tripod (Optional):** If using a tripod, attach the AT2 base to the tripod's 5/8-inch male thread. Tighten the tripod screw to secure the base.
- 3. Placement on Surface:** Place the AT2 base on a stable surface. Use the adjustable feet and the integrated bubble level to achieve a perfectly horizontal position.



オスネジは1/4インチの規格で、
Huepar全種類の墨出し器に対応できます。

※他社の機器と合わせて使用する場合は、ネジ規格が合うかどうかをご注意ください。



底部は5/8インチのネジ穴がつき、
三脚などに取り付けることができます。

Figure 4: A Huepar laser level securely mounted on the AT2 base.



Figure 5: The AT2 base attached to a standard tripod, ready for use.

4. OPERATION

4.1. Horizontal Adjustment (360° Rotation)

Use the main 360° adjustment knob located on the base to rotate the laser level horizontally. This allows for precise alignment of horizontal laser lines across an entire room or workspace.



Figure 6: Demonstrating the 360° fine adjustment capability of the AT2 base.

4.2. X/Y Axis Fine Adjustment

The two additional knobs on the sides of the base control the X and Y axis movement. These allow for subtle forward/backward and left/right adjustments of the laser level, crucial for precise positioning without disturbing the overall setup.



Figure 7: Illustrating the X and Y axis fine adjustment for precise laser level positioning.

4.3. Leveling on Uneven Surfaces

Utilize the adjustable feet to compensate for minor irregularities on the ground. The integrated bubble level provides a visual guide to ensure the base is perfectly level before operating the laser tool.



Figure 8: The adjustable feet and bubble level assist in achieving a stable and level setup on various surfaces.

4.4. Product in Use

Your browser does not support the video tag.

Video 1: Demonstration of a laser level with a plumb bob adapter, showcasing its use for precise alignment.

Your browser does not support the video tag.

Video 2: Overview of the Huepar W04CG 4D Green Laser Level, including its rotating motor base functionality, which is similar to the AT2's application.

5. SPECIFICATIONS

Brand	Huepar
Model	AT2
Material	Durable Plastic, Aluminum Alloy
Product Dimensions	10.7 x 10.7 x 11.6 cm (approx. 4.2 x 4.2 x 4.6 inches)
Product Weight	0.38 kg (0.84 lbs)
Top Mounting Thread	1/4 inch Male Thread
Bottom Mounting Thread	5/8 inch Female Thread
Horizontal Adjustment	360° Fine Adjustment
X/Y Axis Adjustment	Yes
Adjustable Feet Range	Up to 1 cm
Integrated Leveling	Bubble Level

6. SAFETY INFORMATION

While the Huepar AT2 base itself does not emit laser light, it is designed to be used with laser levels. Always adhere to the safety guidelines provided with your laser level. General safety precautions include:

- Avoid direct eye exposure to the laser beam.
- Do not disassemble or modify the device.
- Keep the device out of reach of children.
- Ensure the base is stable before operating the laser level to prevent accidental falls or damage.

7. TROUBLESHOOTING

If you encounter issues with your Huepar AT2 base, consider the following:

- **Instability:** Ensure all adjustable feet are properly extended and the base is placed on a firm, flat surface. Check the bubble level for accurate horizontal positioning.
- **Difficulty in Adjustment:** Verify that the adjustment knobs are not overtightened or obstructed. Clean any debris that might hinder smooth rotation or movement.
- **Laser Level Compatibility:** Confirm that your laser level has a 1/4-inch female thread for proper attachment to the AT2 base.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Huepar website. Keep your proof of purchase for warranty claims.

Related Documents - AT2

 User Manual 9011G/9011R, 9211G/9211R English 1-10 Deutsch 11-21 Français 22-31 Italiano 32-41 Español 42-51 Pycckий 52-61 support@huepar.com V4	<p>Huepar 9011G/9011R, 9211G/9211R Cross Line/Plumb Spot Combo Laser Level User Manual</p> <p>User manual for the Huepar 9011G/9011R and 9211G/9211R Cross Line/Plumb Spot Combo Laser Level, covering safety instructions, product overview, operation modes, specifications, and warranty.</p>
 User Manual 7211CG/7211CR English 1-12 Deutsch 13-23 Français 24-33 Italiano 34-43 Español 44-53 Pycckий 54-63 中文 72-80 support@huepar.com	<p>Huepar 7211CG/7211CR Laser Level User Manual</p> <p>Comprehensive user manual for the Huepar 7211CG/7211CR Cross Line/Plumb Spot Combo Laser Level, covering product overview, safety instructions, operation modes, specifications, and warranty.</p>
 User Manual 5011G English 1-13 Deutsch 13-26 Français 27-40 Italiano 41-54 Español 55-67 Pycckий 68-81 中文 82-92 support@huepar.com	<p>Huepar 5011G Self-leveling Cross Line Laser Level User Manual</p> <p>User manual for the Huepar 5011G self-leveling cross line laser level. Provides instructions on product overview, safety, operation, charging, and warranty.</p>
 Function Introduction 1. Smart Pendulum Lock Status: The unlocked or locked icon indicates the current status of the pendulum lock. 2. Bluetooth Connection Status: The connected or disconnected icon will be displayed as a reminder. If the tool is beyond the self-leveling range, the icon will change to a warning icon. 3. Self-leveling Mode: When the icon is displayed, all laser lines will be automatically self-leveled. The laser lines will remain stable. When moving the laser tool, the laser beam will still be horizontal. 4. Manual Mode: When the icon is displayed, the laser lines will not be self-leveled. The laser lines will remain stable. When moving the laser tool, the laser beam will not be horizontal. 5. Battery Status: When the battery level is low, the icon will be displayed. The laser tool will automatically turn off after 5 minutes of inactivity. 6. Laser Line Control: The icon indicates the current status of the laser lines. 7. Bubble Level: The icon indicates the current status of the bubble level. 8. Auto Level Compensation of different laser levels 9. Auto Level Compensation of the pulse mode 10. Rotation function 11. Variable Laser Brightness Notes: 1. Do not use the laser tool near flammable or explosive materials, chemical plants, areas where there is danger of explosion and areas where there is a risk of fire. 2. Do not use the laser tool in the vicinity of gas stations, chemical plants, areas where there is danger of explosion and areas where there is a risk of fire.	<p>Huepar Laser Level W04CG Function Introduction and Usage Guide</p> <p>This document provides a detailed introduction to the functions and operation of the Huepar Laser Level W04CG, including status indicators, connection features, laser line control, battery status, and important safety notes.</p>



User Manual

360° Self-leveling Cross Line Laser Level

GF360G/GF360R

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[Huepar GF360G/GF360R 360° Self-leveling Cross Line Laser Level User Manual](#)

Comprehensive user manual for the Huepar GF360G and GF360R 360° Self-leveling Cross Line Laser Level, covering product overview, safety instructions, battery care, operation modes, specifications, and warranty.

[Huepar 903DG/903DR/904DG/904DR 360° Laser Level User Manual](#)

Comprehensive user manual for Huepar 360° Self-leveling Cross Line Laser Levels, models 903DG, 903DR, 904DG, and 904DR. Includes safety instructions, operation guides, specifications, and charging information.