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› Huepar Laser Level B03CG User Manual

Huepar B03CG 3D Laser Level

Huepar Laser Level B03CG User Manual

Model: B03CG 3D Laser Level

Brand: Huepar

PRODUCT OVERVIEW

The Huepar B03CG is a high-brightness 3x3600 green laser level designed for precise alignment in various applications, from construction to picture hanging. It features three laser planes (one horizontal, two vertical) providing full room coverage with multiple line combinations. The device is built for durability with TPR soft rubber protection and IP54 water/dust resistance.



Image: Huepar B03CG Laser Level and included accessories.

Key Features:

- **3 Plane Lasers:** Provides 1x3600 horizontal and 2x3600 vertical lines for comprehensive layout.
- **High Accuracy:** 11/9 inch at 33 feet.
- **5200 mAh Rechargeable Battery:** Offers up to 8 hours of continuous operation.
- **Multiple Charging Modes:** Supports battery power, external power supply, or direct connection to a power source via Type-C port.
- **Self-Leveling & Manual Mode:** Automatically levels within 40° or allows for manual angle adjustment.
- **Pulse Mode:** Extends working range up to 200 feet with a Huepar receiver (sold separately).
- **Durable Design:** TPR soft rubber protection, 51-inch drop protection, and IP54 waterproof/dustproof rating.

SETUP

Package Contents:

Upon opening the hard carry case, verify that all components are present:

- 1x Huepar B03CG Pro Laser Level
- 1x Rechargeable 5200mAh Lithium Battery
- 1x Type-C Power Cord
- 1x Power Adapter
- 1x 3600 Magnetic Pivoting Base
- 1x Green Laser Target Plate
- 1x Multilingual User Manual
- 1x Hard Carry Case



Image: All items included in the Huepar B03CG package.

Battery and Charging:

The Huepar B03CG laser level is powered by a 5200mAh lithium-ion battery. Ensure the battery is fully charged before first use for optimal performance.

- **Charging:** Connect the provided Type-C power cord and power adapter to the laser level. The battery can be charged while inside the unit or separately.
- **Powering Options:** The tool can be powered directly by the battery, by an external power supply device (like a power bank) via the Type-C port, or by direct connection to a power source using the adapter.

3 Ways to Charge/Use

1

**Use by Direct Plug-in
without Battery**

2



**5200mAh Li-ion battery
with Type-C port**

3



**Use a device with a
Type-C port**

Image: Three methods for charging or powering the Huepar B03CG laser level.



1 Large-capacity Li-ion Battery with Type-C Charging Port



2 Use by Direct Plug-in without Battery



3 Type-C Charging Port for Convenient Use

POWER DISPLAY

Know the power situation at any time

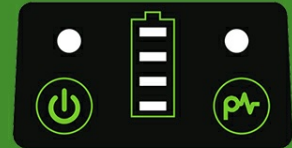


Image: The power display indicates the current battery level.

Placement and Mounting:

The laser level offers versatile placement options for various work environments.

- **Magnetic Pivoting Base:** Use the included 3600 magnetic pivoting base to attach the laser level to metal surfaces.
- **Tripod Mounting:** The unit can be mounted on a tripod using its 1/4"-20 thread.
- **Other Accessories:** Additional accessories like adjustable brackets or lifting bases (sold separately) can further enhance placement flexibility.



Multiple Placement Methods

360° magnetic holder (included)







⚠ Some accessories need to be purchased separately

Image: The laser level can be placed using its magnetic holder or mounted on a tripod.



Mount on Tripod





Hanging on Support



1/4" Threaded Mount





Installed on 360° Rotatable Base

* (Above accessories need to be purchased from Huepar store)

Image: Various mounting options for the laser level, including tripod, hanging, and rotatable base.

OPERATION

Self-Leveling Mode:

To activate self-leveling mode, slide the pendulum lock to the unlocked position. The laser level will automatically self-level within 140. If the tool is outside this range, the laser lines will blink to indicate it cannot self-level.



Image: The laser level automatically self-levels, with blinking lines indicating an out-of-level condition.

Manual / Tilt Mode:

To use the laser level at any angle, engage the manual mode. This is done by sliding the pendulum lock to the locked position or by pressing and holding the brightness button for 3 seconds. In manual mode, the laser lines will blink every 3-5 seconds to remind you that it is not self-leveling.

Manual Mode



Self Leveling Mode

Image: Comparison of Manual Mode (angled lines) and Self-Leveling Mode (horizontal line).



MANUAL / TILT MODE

The laser tool can be placed for alignment at any angle.

* The laser beam will blink every 3-5 seconds to remind you that it's not self-leveling now.

Image: The laser tool can be placed at any angle in manual mode.

Pulse Mode:

Pulse Mode is designed for use in brighter environments or when a laser receiver is needed to extend the working range. Activate Pulse Mode to switch to weaker lasers, which are more suitable for larger workspaces or outdoor settings. When used with a Huepar receiver, the operating range increases from 85 feet to 200 feet.

Pulse Mode for Outdoor Accuracy

Stay accurate even in sunlight – extend your reach without losing the line



The working range up from
85ft to 200ft with Huepar
laser receiver

Image: Pulse Mode allows for extended working range with a Huepar laser receiver.

PULSE MODE

Separate Pulse Mode Button
Extends Working Range Up to 200Ft with
Huepar Laser Receiver

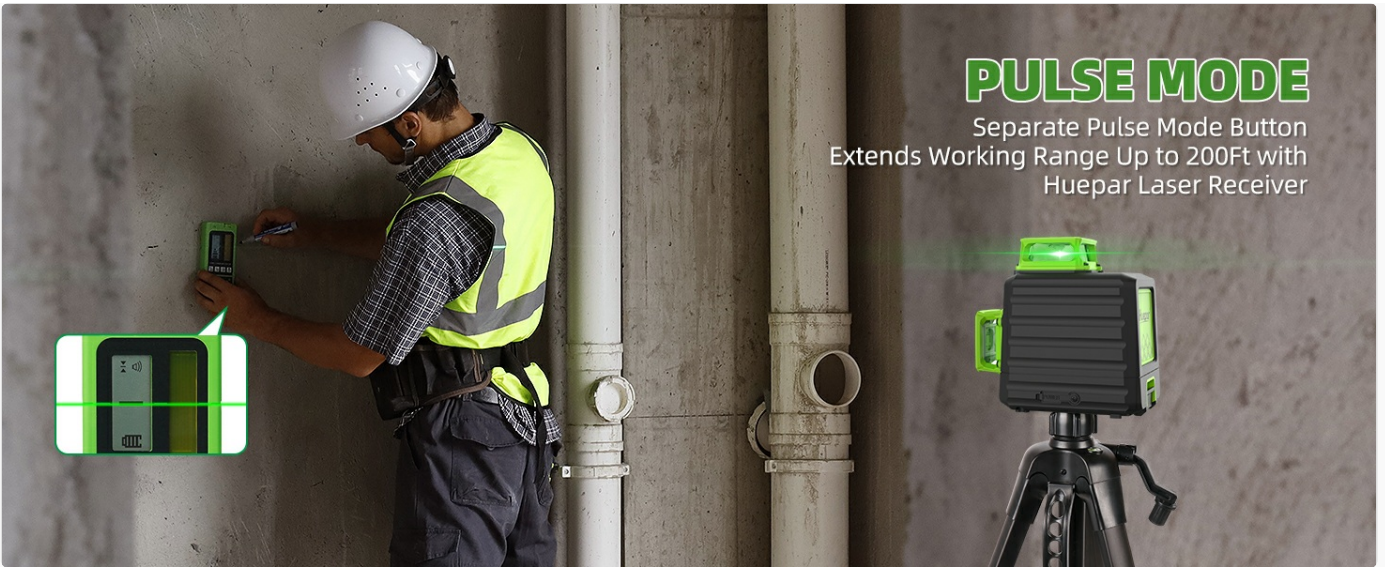


Image: The separate Pulse Mode button extends the working range up to 200ft with a Huepar Laser Receiver.

Switching Laser Lines:

The Huepar B03CG offers 5 different laser combinations. Use the dedicated button to cycle through these combinations to suit your specific needs (e.g., 3600 horizontal, 3600 vertical, or combinations of both).

5 Line Switching Modes

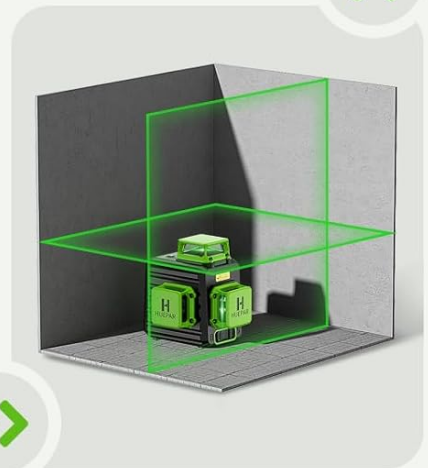
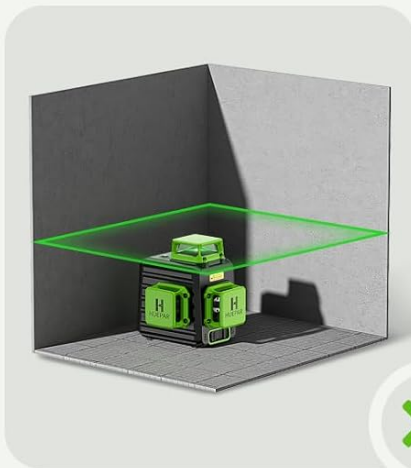
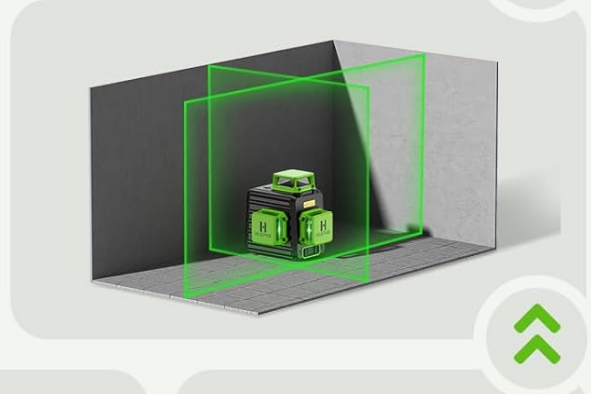
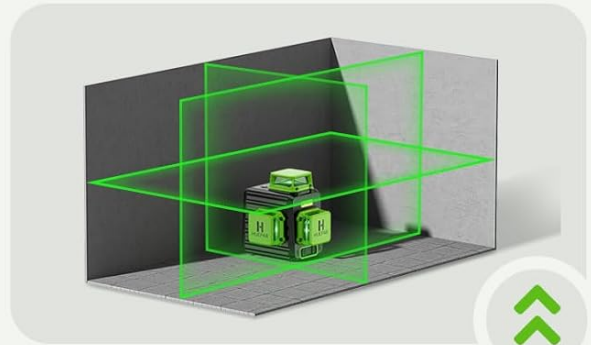


Image: The laser level offers 5 different line switching modes for various applications.

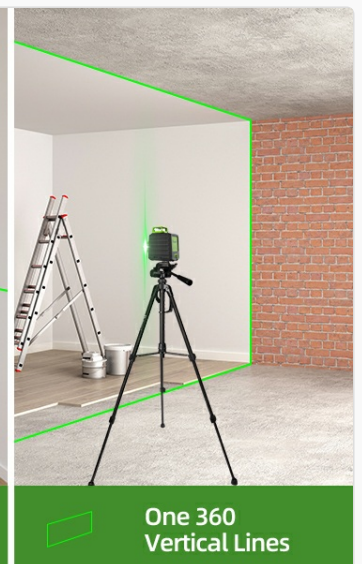


Image: Examples of various laser line configurations, including full 3600 horizontal and vertical lines.

Operational Videos:

Why Choose Laser Level

Video: This video provides a general overview of the benefits and applications of using a laser level.

Huepar 3D Cross Line Self-leveling Laser Level

Video: A detailed demonstration of the Huepar 3D Cross Line Self-leveling Laser Level in action, showcasing its features and capabilities.

Easy to use

Video: A short clip demonstrating the ease of use of the Huepar laser level.

Huepar B03CG Laser Level

Video: A review and demonstration of the Huepar B03CG Laser Level.

MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your Huepar laser level.

- **Cleaning:** Regularly wipe the laser level with a soft, dry cloth. Do not use abrasive cleaners or solvents. Keep the laser apertures clean to ensure clear beams.
- **Storage:** When not in use, store the laser level in its hard carry case in a dry, cool place, away from direct sunlight and extreme temperatures. Ensure the pendulum lock is in the locked position during storage and transport to protect the internal components.
- **Battery Care:** If storing for extended periods, remove the battery. Recharge the battery periodically (e.g., every 3-6 months) to maintain its health.
- **Inspection:** Periodically check for any signs of damage to the housing, battery compartment, or laser apertures.

TROUBLESHOOTING

If you encounter issues with your Huepar B03CG laser level, refer to the following common problems and solutions:

- **Laser Lines Blinking Rapidly:** This typically indicates that the laser level is outside its self-leveling range (140). Adjust the position of the tool until the blinking stops and the lines become steady.
- **No Laser Lines:**
 - Check if the unit is turned on.
 - Ensure the battery is charged or the unit is connected to a power source.

- Verify the pendulum lock is in the unlocked position for self-leveling mode, or that manual mode is correctly engaged.

- **Dim Laser Lines:**

- In bright light conditions, laser lines may appear dim. Use Pulse Mode with a Huepar laser receiver for better visibility.
- Ensure the laser apertures are clean and free from dust or debris.

- **Inaccurate Leveling:**

- Ensure the laser level is placed on a stable surface and within its self-leveling range.
- Avoid strong vibrations during operation.
- If issues persist, contact customer support for calibration or repair.

For further assistance, please refer to the Warranty and Support section or contact Huepar customer service.

SPECIFICATIONS

Feature	Detail
Brand	Huepar
Model	B03CG 3D Laser Level
Laser Class	Class 2 (IEC/EN60825-1/2014)
Laser Wavelength	505-520nm (Green Laser)
Horizontal/Vertical Accuracy	11/9 inch at 33 feet (12mm/10m)
Leveling/Compensation Range	140
Working Range (Line)	85 feet (300 LUX)
Working Range (with Receiver)	200 feet
Operation Time	Up to 8 hours (with 5200mAh battery)
Power Source	5200mAh Lithium Ion Battery / Direct Plug-in
IP Rating	IP54 (Dustproof and Splashproof)
Mount Size	1/4"-20
Operating Temperature	-100C to 500C (140F to 1220F)
Storage Temperature	-200C to 700C (-40F to 1580F)
Material	ABS+TPU
Item Weight	3.59 pounds
Package Dimensions	11.26 x 8.27 x 4.69 inches

WARRANTY AND SUPPORT

Huepar is committed to providing reliable products and excellent customer service.

- **Warranty:** Huepar products typically come with a 2 or 3-year free repair or replacement warranty. Please refer to your purchase documentation for specific warranty terms.
- **Technical Support:** Lifetime technical support is provided for all Huepar tools.
- **Contact Us:** If you have any questions, issues, or require support, please contact the Huepar support team. You can usually find contact information in the user manual included with your product or on the official Huepar website. Huepar aims to reply within 24 hours.



Image: Details on Huepar's after-sale service support, including 24-hour reply and warranty information.

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For more information, visit [Huepar Store](#)

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

Answered questions about this manual

Where can I find a replacement internal lens for the Huepar B03CG 3D Laser Level?

The user manual for the Huepar B03CG 3D Laser Level does not list internal lenses as a user-replaceable part or provide a specific part number for them. Because the device is a precision instrument,...

[Read full answer](#)

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