

Huepar S04CG

Huepar S04CG Green Laser Level Instruction Manual

INTRODUCTION

Thank you for purchasing the Huepar S04CG Green Laser Level. This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before use and keep it for future reference to ensure optimal performance and longevity of your laser level.

SAFETY INFORMATION

WARNING: This product emits Class 2 laser radiation. Avoid direct eye exposure to the laser beam. Do not stare into the beam. Use caution to prevent accidental exposure to yourself or others.

- Always operate the laser level in a safe manner, following all local safety regulations.
- Do not attempt to disassemble or modify the laser level. This can cause damage to the device, lead to hazardous laser exposure, and void the warranty.
- Keep the device away from children and unauthorized personnel to prevent misuse or accidental exposure.
- Ensure the work area is clear of obstacles and potential hazards before operating the laser level.
- Do not use the laser level near flammable liquids, gases, or dust, as this could pose a fire or explosion risk.
- Always turn off the laser level when not in use and store it in its dedicated case in a secure location.
- Do not use optical instruments such as binoculars or telescopes to view the laser beam, as this can increase eye hazard.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Huepar S04CG Laser Level Unit

- Dedicated Storage Case
- Magnetic L-Type Mount
- Type-C Cable
- AA Batteries (for temporary use)
- AA Battery Holder
- Dedicated Rechargeable Battery
- Height Adjustment Base
- Power Adapter
- Remote Control
- Target Plate
- Instruction Manual
- Steel Plate

セット内容



墨出し器本体



専用収納ケース



磁石付きマウント



Type-Cケーブル



乾電池



単3電池ホルダー



専用充電電池



高さ調節ベース



電源アダプター



リモコン



簡易受光板



日本語取扱説明書



鋼板

Image: This image displays all components included in the Huepar S04CG Green Laser Level package, such as the main laser unit, storage case, magnetic mount, various batteries, charging cable, power adapter, remote control, and target plate.

PRODUCT FEATURES

The Huepar S04CG Green Laser Level is designed with advanced features for precision and versatility:

- **4x360° Full Line Lasers:** Projects two horizontal and two vertical 360° green laser lines, providing comprehensive coverage for various leveling and alignment tasks.
- **Integrated LCD Display:** A clear LCD screen on the device displays essential information including battery level, lock status, active receiver mode, and precise horizontal/vertical angles.
- **Multi-functional L-Type Mount:** The included mount offers vertical and horizontal fine adjustment, features strong magnets for secure attachment to steel surfaces, and is compatible with standard tripods.
- **Remote Control Operation:** Control laser lines and modes from a distance of up to 20 meters (without obstacles) using the dedicated remote control, enhancing operational efficiency.
- **Three Power Methods:** Supports operation via a dedicated rechargeable lithium-ion battery, standard AA batteries (with included holder), or directly from an AC adapter. The rechargeable battery can also be charged while the unit is in use.
- **Durable Construction:** The device features a robust rubber-coated body for enhanced impact resistance and metal optical windows for superior wear resistance, ensuring longevity in demanding work environments.
- **IP54 Rating:** Certified as dustproof and splashproof, making it suitable for use in various indoor and outdoor conditions.

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壁寄せに適用



横、縦フルライン各2本

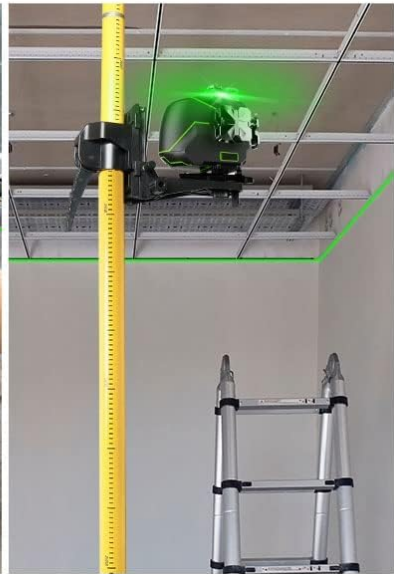


Image: This image provides a visual overview of the Huepar S04CG Green Laser Level, demonstrating its capability to project two full 360-degree horizontal lines and two full 360-degree vertical lines, offering comprehensive coverage for various leveling tasks.



Image: This image highlights the robust construction of the Huepar S04CG laser level, featuring durable metal covers for the optical windows and an IP54 rating for dustproof and splashproof capabilities, ensuring reliability in demanding work environments.

SETUP

1. Power Supply Installation:

- **Rechargeable Battery:** Open the battery compartment and insert the dedicated rechargeable lithium-ion battery, ensuring correct polarity.
- **AA Batteries:** If using AA batteries, place them into the provided AA battery holder, then insert the holder into the battery compartment.
- **AC Adapter:** For direct power or charging, connect the Type-C cable to the device and the power adapter to a wall outlet.

2. Mounting the Laser Level:

- **Flat Surface:** Place the laser level on a stable, level surface free from vibrations.
- **Tripod Mounting:** Attach the laser level to a tripod using the 1/4" or 5/8" threaded mounting points located on the bottom of the unit or the L-type mount.

- **Magnetic Attachment:** Utilize the magnetic L-type mount to securely attach the laser level to steel surfaces, such as metal studs or beams. Adjust its position as needed using the fine-tuning knobs.
- **Height Adjustment Base:** For precise vertical positioning, especially for floor tiling or low-level applications, place the laser level on the included height adjustment base.

マグネット付きL型マウント付属



Image: The multi-functional L-type magnetic mount for the Huepar S04CG laser level, showing its 360-degree rotation, vertical and horizontal fine adjustments, and tripod compatibility.



Image: The laser level positioned on the height adjustment base, useful for precise vertical positioning, especially for floor tiling applications.

OPERATING INSTRUCTIONS

1. **Power On/Off:** Press and hold the power button (**U**) on the device or the remote control to turn the unit on or off.
2. **Line Switching:**
 - Press the horizontal line button (**H**) to cycle through the available horizontal laser lines.
 - Press the vertical line button (**V**) to cycle through the available vertical laser lines.
3. **Remote Control Usage:** Use the included remote control to conveniently switch laser lines, activate receiver mode, and power the unit on/off from a distance.

遠隔操作のリモコンが付属



Image: The remote control for the Huepar S04CG, detailing its buttons for horizontal line switching, vertical line switching, line ON/OFF, and receiver mode activation.

パルスモード



Image: A user operating the Huepar S04CG laser level from a distance using the remote control, demonstrating its convenience for large work areas.

MODES OF OPERATION

Self-Leveling Mode

To enable automatic self-leveling, unlock the pendulum. The laser will automatically level itself within a range of $\pm 3.5^\circ$. If the device is placed on a surface that is too uneven and exceeds this range, the laser lines will flash rapidly and an audible alarm will sound. Adjust the position of the device until the lines stop flashing and the alarm ceases, indicating it is within its self-leveling range.



Image: The laser level in self-leveling mode, illustrating how the device automatically adjusts its lines. An alarm icon indicates when the tilt exceeds the self-leveling range of 3.5 degrees.

Manual/Tilt Mode

To project laser lines at a specific angle, lock the pendulum. This action disables the self-leveling function, allowing the laser lines to be fixed at any desired tilt. This mode is ideal for tasks such as installing handrails, decorative elements, or other applications that require non-level angled lines.



Image: The laser level operating in manual/tilt mode, projecting an angled green laser line, suitable for non-level applications such as stair railings or decorative patterns.

Pulse Mode (Receiver Mode)

Activate pulse mode when working outdoors, in very bright indoor conditions, or when the working distance

exceeds the standard visible range. This mode allows the laser level to be used with a compatible laser receiver (sold separately) to detect the laser beam over greater distances and in challenging light environments, extending the effective working range.

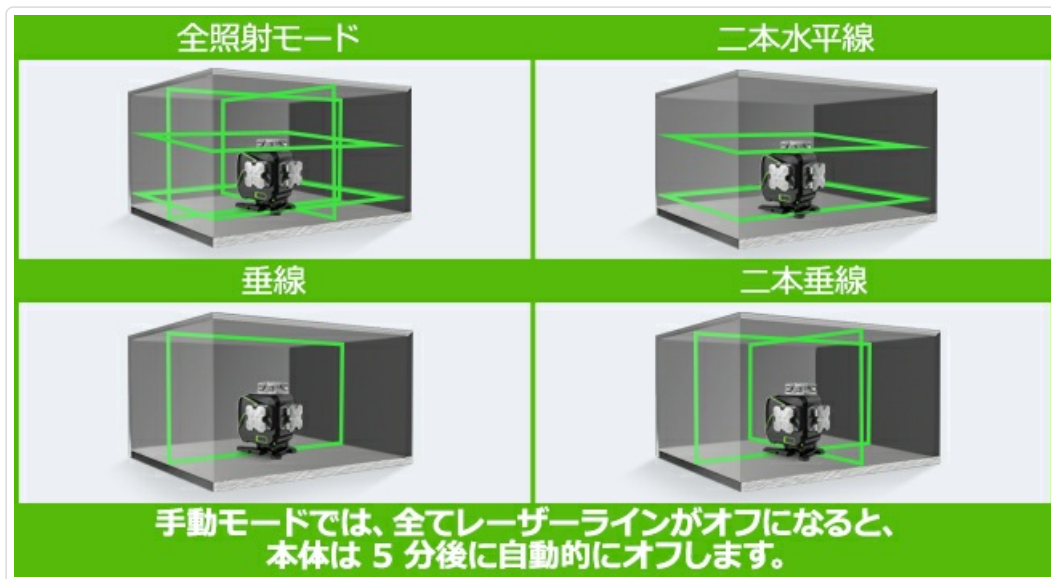


Image: The laser level operating in pulse mode, demonstrating its compatibility with an external laser receiver for detecting the laser beam over greater distances and in bright conditions.

POWER SUPPLY

The Huepar S04CG offers three versatile power options to ensure uninterrupted operation:

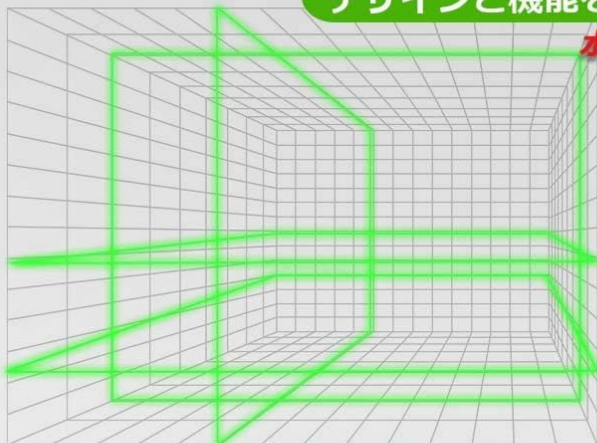
- **Rechargeable Lithium-ion Battery:** This is the primary power source. Ensure it is fully charged before use. The LCD display provides a clear indication of the current battery level.
- **AA Batteries:** For backup or temporary use, insert standard AA batteries into the provided battery holder.
- **AC Adapter:** Connect the device directly to a power outlet using the included AC adapter. This method not only powers the unit but also charges the rechargeable battery simultaneously.

The laser level is designed to automatically turn off if the battery level drops below 5% to protect the battery from deep discharge and prolong its lifespan.

LCDディスプレイ搭載フルラインレーザー

デザインと機能をアップグレードしたモデルが登場

水平フルライン2本&垂直フルライン2本



3電源方式

充電電池+乾電池+Type-C



ダイレクトグリーン方式を使用



Image: This image highlights the Huepar S04CG's integrated LCD display and its three versatile power options: a dedicated rechargeable battery, standard AA batteries, and a Type-C AC adapter for continuous power and charging.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the device. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the housing or optical components. Keep the laser output windows clean for optimal beam visibility and accuracy.
- **Storage:** When not in use, store the laser level in its dedicated protective case in a dry, cool place, away from direct sunlight and extreme temperatures. If storing for extended periods, remove all batteries to prevent potential leakage and damage to the device.
- **Calibration:** Regular calibration checks are recommended to ensure the continued accuracy of the laser level. If you suspect the device is out of calibration, refer to a qualified service center for professional recalibration.
- **Battery Care:** Always fully charge the rechargeable battery before long-term storage. Avoid completely draining the battery frequently, as this can reduce its overall lifespan.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Laser lines are dim or not visible.	Low battery; excessively bright ambient light; dirty laser output window.	Charge or replace batteries; activate pulse mode for use with a laser receiver; gently clean the laser output window.
Laser lines are flashing rapidly and/or an alarm sounds in self-leveling mode.	The device is positioned outside its self-leveling range (tilted more than 3.5°).	Relocate the device to a more level surface until the lines stabilize and the alarm ceases.
Remote control is not responding to commands.	Remote control battery is low or depleted; operating too far from the device; obstruction between the remote and the device.	Replace the remote control battery; move closer to the laser level; ensure there are no obstructions blocking the signal.
Device does not power on.	Battery is completely drained or incorrectly inserted; power adapter not connected properly.	Charge or replace the battery; ensure the battery is correctly inserted with proper polarity; verify the AC adapter connection.

SPECIFICATIONS

- **Brand:** Huepar
- **Model:** S04CG
- **Laser Color:** Green
- **Laser Lines:** 4 x 360° (2 Horizontal, 2 Vertical)
- **Self-Leveling Range:** ±3.5°
- **Power Supply:** Rechargeable Li-ion battery, AA batteries, AC adapter
- **Operating Mode:** Automatic (Self-Leveling), Manual/Tilt
- **Material:** Rubber, Metal
- **Weight:** 3.3 kg
- **IP Rating:** IP54 (Dustproof, Splashproof)
- **Manufacturer Model Number:** S04CG-NEW
- **Country of Origin:** China

WARRANTY AND SUPPORT

This Huepar S04CG product comes with a standard **1-year warranty period** from the date of purchase. Upon successful product account registration, the warranty period is extended to **2 years**. Additionally, lifetime technical support is provided for this product.

Should you encounter any issues, have questions regarding operation, or require technical assistance during use, please do not hesitate to contact our customer support team. You can typically reach us by clicking the "Contact Seller" button on the product page where you made your purchase. Our dedicated

team will assist you promptly.

For more information, product updates, and additional support resources, please visit the official Huepar store: [Huepar Store](#)