HUEPAR®

User Manual

Laser Level

SE13CG/ SE13CR/ SE13CG-BT
SE13CR-BT/ SE13CGTP/ SE13CRTP
SE13CG-BTP/ SE13CR-BTP

English
Deutsch
Français
Italiano
Español
Русский
日本語

support@huepar.cn

Model: SE13CG/ SE13CR/ SE13CG-BT/ SE13CR-BT/ SE13CGTP
SE13CRTP/ SE13CG-BTP/ SE13CR-BTP
Changzhou Levelsure Optoelectronics Technology Co.,Ltd.
E-mail: support@huepar.cn
Made in China

EN
Scan the QR code for more language instructions.

DE
Nach weiteren sprachanleitungen suchen sie den code.

FR
Scannez le code qr pour plus d'instructions dans autres langues.

IT
Scannerizzare il codice qr per controllare le istruzioni in altre lingue.

ES
Escanea el código qr para ver más instrucciones en otros idioms.

RU
Просканируйте бинарный код для дополнительной информации о технической спецификации.

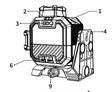
JA
QRコードをスキャンすると、他の言語で説明が表示されます。

Thank you for purchasing Huepar SE13CG Laser Level . Before using the product, please read this manual thoroughly to ensure proper use.

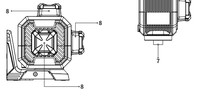
Contents

- Product Overview
- Safety Instructions
- Battery Safety
- Operation
- Specifications
- Warranty

Product Overview



1. Control Panel
a. Laser Line On/Off
b. Pulse Mode
c. Brightness Adjustment
d. H Vertical Laser Line Switch
e. V Horizontal Laser Line Switch
f. Indicator Light
2. Power Indicator Light
3. Type-C Charging Port
4. Dynamic Magnetic Bracket
(Metal-Attachable)
5. Dynamic Fine-Tuning Device
6. Pendulum/Transport Lock
(Including Off/Locked Position and Unlocked Position)
7. 1/4"-20 Threaded Mount
5/8"-11 Threaded Mount
8. Laser Windows
9. Bracket Adjustment Knob



Safety Instructions

Please read the Safety Instructions and User Manual carefully before using the product. Failure to read and adhere to the safety instructions may void the warranty.

WARNING!
CLASS II LASER PRODUCT
Max. Power Output: <1mW
COMPLIES WITH 21 CFR 1040.10 AND 1040.11
Wavelength: Relevant to green laser (typical for green LD)
LASER RADIATION:
DO NOT STARE INTO BEAM.
DO NOT DIRECT EYE EXPOSURE.
AVOID VIEW WITH OPTICAL INSTRUMENTS.



IEC/EN60825-1:2014

ATTENTION:
Read all instructions before operating this laser tool. Do not remove any labels from the tool.

- Be careful not to expose your eyes to the emitting laser beam when operating the device. Exposure to a laser beam for an extended time may cause eye injury.
- Do not attempt to view the laser beam through optical tools such as telescopes, it may cause serious eye damage.
- Do not disassemble or modify the laser in any way. Modifying the tool may result in hazardous laser radiation exposure.
- Do not operate the laser around children or allow children to operate the laser. It may cause serious eye injury.
- Exposure to the beam of a Class 2 laser is considered safe for a maximum of 2 seconds. Eyelid reflexes will normally provide adequate protection.
- The following label/print samples are placed on the product to provide information about the laser class for your convenience and safety.



To reduce the risk of injury, user must read and understand the manual.

User Guide, Maintenance and Care:

- When not in use, please turn OFF the tool and place the pendulum lock in its locked position (Off / Lock position). Locking the pendulum allows the Laser unit to better withstand vibration and trauma incurred during transportation or if the unit is dropped.
- The laser tool is factory-sealed and calibrated to meet specified accuracy standards.
- It' s recommended that an accuracy check before first use. Periodic checks are also recommended for long-term use, especially when working with precise layouts.
- Do not touch the glass window of the laser emitting part in case leaving any fingerprint on the window, which may affect the performance of the laser.
- Do not expose the laser tool to direct sunlight or high temperatures. Plastic components may deform under excessive heat.
- Clean exterior plastic parts with a damp cloth. Do not use solvents. Before storage, wipe the tool dry with a soft cloth.
- Store the tool in its case when not in use. If storing for an extended time, remove the built-in battery (if accessible following manufacturer guidelines) before storage to prevent possible damage.

- Do not dispose of this product as household waste.
- Dispose of batteries according to local regulations.
- Please recycle the product in line with local provisions for the collection and disposal of electrical and electronic waste under the WEEE Directive.

Battery Safety, Charging and Battery Capacity Indicators

Please read thoroughly and comply with battery safety instructions and precautions before charging.
Failure to read and follow the instructions on battery usage, failure to charge correctly and/or improper use may result in personal injury, fire, and/or property damages.

Lithium Battery Charging Safety:

- Only use the charger or adapter provided by the manufacturer. The built-in Li-ion battery can be charged via the C-type charging port on the laser tool.
- It is recommended to charge it fully before first use. Follow the charger' s indicator to confirm charging completion (typical charging time may vary based on charger specifications, refer to charger manual). Do not exceed 24 hours of continuous charging.
- If the device is not going to be used for a long time, please fully charge the battery first. Please store the device in a dry environment at room temperature.
- If the lithium battery is not to be used for an extended time, please charge it every 6 months, minimum 5 hours per charge to maintain battery performance.
- Optimal charging temperature is between 15°C to 20°C (59°F to 68°F).

Battery Safety:

- AVOID SHORT CIRCUIT. It may cause fire and injury!
- Never leave the device unattended while charging.
- Do not disassemble or modify the built-in battery. Any attempt to open or modify the battery may lead to leakage, overheating, or explosion.
- Keep the device (with built-in battery) away from children and pets.

- Stop using the device immediately if the battery appears abnormal or deformed (emits an unusual smell, feels hot, changes color or shape, or appears abnormal in any other way). Please contact the manufacturer for inspection or replacement.
- Never charge or store the device in a van or a car. Extreme temperatures (hot or cold) may cause ignition or fire.
- Do not place the device in high-pressure containers, microwave ovens, or on induction cookware.
- Do not carry or store the device with hairpins, necklaces, or other metal objects that may short-circuit the charging port or damage the device.
- Battery electrolyte leakage: If electrolyte comes into contact with skin, wash immediately with plenty of water. If eye contact occurs, flush eyes with water for at least 15 minutes, and seek medical treatment immediately.

Battery Capacity Indicators:

- The Battery Indicator on the control panel shows the current battery level.
- When the battery indicator shows a low level (e.g., single segment lit or specific low-battery symbol), the battery is low and needs charging.
- When the battery indicator flashes (indicating almost exhausted power), the battery needs to be charged immediately.
- During charging, the battery indicator may show a charging status (e.g., flashing segments). When fully charged, the indicator will show a steady full level (e.g., all segments lit).

Note:
- The laser tool can operate while charging the battery (if supported by the device design).
- The C-type charging port is for charging the built-in battery only, unless specified otherwise by the manufacturer.

Operation

Turn ON the laser tool:

Method 1: Turn ON the Self-leveling Mode:

- Slide the pendulum to the Unlocked Position to turn ON the laser tool.the self-leveling mode is activated by default.
- The power indicator (5) will light up in Green.
- The laser beam(s) blink fast when the tool is out of self- Levelling range (3°).

Method 2: Turn ON the Manual /Tilt mode:

- When the pendulum in Locked Position, press ⏻ and hold for >2 seconds to turn ON the laser tool, the manual mode is activated by default.
- The power indicator(5) will light up in Green.
- The laser beam(s) will blink about every 3-5 seconds to notify the userit is not self-leveling now.
- Under manual mode, users can position the laser tool at any angle.

※ **Note: Please notice the laser beam(s) projected in manual mode cannot be used as a horizontal or vertical reference in nature.**

Turn OFF the Laser Level:

A:If the laser tool is in Self-leveling Mode:

- Slide the pendulum to the Locked Position to turn OFF the laser tool.

B:If the laser tool is in Manual Mode:

- Method 1: Slide the pendulum to the Unlocked Position, and then slidehe pendulum again to the Locked Position to turn OFF the laser tool.
- Method 2: When the pendulum is in the Locked Position, presshold for ⩾ 2 seconds to Turn OFF the laser tool.

※ **Note:The laser level can only be turned off when the pendulum in its LockedPosition."All indicators will light OFF when the laser tool is turned OFF.**

Lines Switching:

- After power on, the horizontal line will be on by default..Short press button repeatedly to switch the composition ofdifferent laser line(s).

Brightness Adjustment:

- Users can select 3 different brightness levels: 100% (initial setting), 60% (2nd class), or 40% (Economic setting).
- Short Press the brightness selection button on the control panel to cycle through the brightness levels.
- Once in the brightness setting mode, the Brightness Indicator LED will be blinking to show the current adjustment status.

※ **Note:Brightness adjustment may not be available when the pulse function is activated.**

Pulse Mode (Use with Laser Receiver):

- With the pulse mode on, the laser tool can work with the laser receiverfor working in a brighter environment or a larger working distance.
- **Switch to Pulse Mode:** Turn on the laser tool, short press ⏻ to switch to Pulse Mode. The laser beams are dimmer in pulse mode, and the pulse mode indicator(2) lights up in Green.
- **Return Back to Normal Mode:** Short press the Pulse ⏻ again to return to Normal Mode. The laser beams will be recovered, and thepulse mode indicator(2) lights off.

※ **Note:When switching between Pulse Mode and Normal mode, the laserbeam(s) will blink fast as a reminder..Keep the pulse mode on when using with receiver for larger workingrange.**

Function:

- The laser receiver indicator is used to assist in detecting and indicating the laser beam, especially in brighter environments or longer distances. It works with the pulse function of the laser tool.

Key Operations Related to Receiver:

- To use with a laser detector/receiver, press the pulse button on the control panel to activate the pulse function.
- Hold the relevant button (as marked on the control panel: "Hold for Receiver mode") in the pendulum locked position to activate the Receiver mode.
- The LED indicators on the receiver part will show the direction in which the receiver should be moved to align with the laser beam, and may accompany a beep sound (if applicable) for better guidance.

Note:
- Ensure the laser receiver is compatible with the SE13CG' s laser wavelength and pulse frequency.
- Position the receiver at an appropriate distance from the laser tool (refer to the receiver' s manual for optimal working range) for accurate detection.
- If the receiver' s battery (if applicable) is low, replace it with new batteries according to the receiver' s specifications to ensure normal operation.

Motion Magnetic Bracket and Mounting:

- The included motion magnetic bracket (integrated) and universal clamp allow quick mounting of the laser tool in various applications, such as ceiling and drywall installation.
- Use the 1/4"-20 & 5/8"-11 Threaded Mount to attach the tool to compatible stands for more stable positioning.
- The motion fine adjustment feature enables precise alignment of the laser tool as needed.

Specifications

Category	Details
Model	SE13CG
Laser Class	Class II (IEC/EN60825-1:2014), <1mW
Laser Wavelength	505-520nm
Leveling Accuracy	±3mm/10m(+1/9 in. at 33 ft)
Levelling range	3.5:0.5
Working Range (with Laser Receiver)	To be confirmed by manufacturer (varies based on receiver performance)
Battery	Built-in Lithium-ion battery, 4400mAh
Continuous Running Time	C-type
Charging Port	Over 7 hrs
Charging Time	Typical (varies by charger), refer to charger manual
Mount Size	1/4"-20 5/8"-11 Threaded Mount
IP Rating	Typical for similar products: IP54
Working Temperature	Typical for similar products: -10°C ~ +50°C
Storage Temperature	Typical for similar products: -20°C ~ +70°C

Note:
- Appearance and specifications may differ due to product updates.
- Working distance varies depending on the operating environment (e.g., light intensity, dust, etc.).
- Keep the pulse mode on when using with a receiver for longer working range.

Warranty

This laser tool has passed rigorous and comprehensive product inspection. We are confident in the quality of our products and offer a guarantee for professional users of the product.

We offer a Five Year Limited Warranty on the product from the date of purchase, provided that:

- Proof of purchase is provided.
- Any damage is fair wear and tear.
- The product has not been repaired by unauthorized persons.
- The product has not been misused.

Defective products will be repaired or replaced at our discretion free of charge, if sent together with proof of purchase to our authorized distributor(s).

The Warranty does not cover:

- Faults caused by accidental damage.
- Failure to use the product according to the manufacturer' s instructions.
- Defects caused by maintenance or renovation without our authorization.
- Calibration and care.

Note:
- To the extent permitted by law, we shall not be liable under this Warranty for indirect or consequential loss resulting from faults in this product.
- Repair or replacement under this Warranty does not affect the expiry date of the Warranty.
- This Warranty is limited to paying customers; it is not permissible to transfer the Warranty to other third parties.
- This Warranty may not be varied without our authorization.

Please scan the QR code to register this product and enjoy an extended 5-year warranty (if applicable, subject to manufacturer' s terms).

If you have any questions or concerns about the product, please feel free to contact us at: **support@huepar.com**