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Huepar D011CP

Huepar D011CP Purple Laser Level User Manual

Model: D011CP

1. INTRODUCTION

Thank you for choosing the Huepar D011CP Purple Laser Level. This device is designed for precise leveling and alignment tasks, featuring a highly visible purple laser beam. Its self-leveling capabilities, multiple brightness settings, and rechargeable battery make it suitable for various indoor and outdoor applications. This manual provides essential information for safe and effective use of your laser level.



Figure 1: Huepar D011CP Purple Laser Level and its accessories, including a carry bag, Type-C charging cable, magnetic stand, user manual, and purple laser glasses.

2. SAFETY INFORMATION

WARNING: This product emits laser radiation. Direct exposure to the laser beam can cause eye injury. Always wear appropriate eye protection when operating the device. Do not stare directly into the laser beam. Keep out of reach of children.

- Avoid direct eye exposure to the laser beam.
- Do not disassemble the device. Repairs should only be performed by authorized service personnel.
- Use only the specified battery type and charging method.
- Ensure the device is stable before operation to prevent accidental movement.

3. SETUP

3.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the 'Included Components' section are present

and undamaged. The package includes: 1x Huepar D011CP Purple Laser Level, 1x Carry Bag, 1x Type-C Charging Cable, 1x Magnetic Stand, 1x User Manual, 1x Purple Laser Level Glasses.

Your browser does not support the video tag.

Video 1: An unboxing video demonstrating the contents of the Huepar laser level package and initial setup steps.

3.2 Battery Installation and Charging

The device is equipped with a built-in 2200mAh 3.7V Li-ion battery. For first use, charge the battery for more than 4 hours. To charge, connect the provided Type-C charging cable to the device's charging port and a suitable power source (e.g., phone charger, power bank, laptop, car charger). The power indicator will show charging status.



Figure 2: The laser level highlighting its rechargeable lithium battery and the convenient Type-C charging port for easy power replenishment.

3.3 Mounting the Device

The Huepar D011CP can be mounted using its 1/4"-20 threaded mount for tripods or attached to metallic surfaces using the included magnetic stand.

- **Magnetic Stand:** Attach the magnetic stand to the bottom of the laser level. The strong magnets allow for secure attachment to iron planes or other magnetic surfaces.
- **Tripod Mounting:** Screw the device onto a tripod using the 1/4"-20 thread located at the bottom.



Figure 3: The laser level showcasing its 1/4"-20 thread for tripod mounting and the included L-bracket with magnetic attachment for versatile positioning.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To power on the device, slide the pendulum lock switch to the 'UNLOCKED' position. The laser lines will activate. To power off, slide the pendulum lock switch back to the 'LOCKED' position. This also locks the pendulum for safe transport.

4.2 Self-Leveling Mode

When the pendulum lock switch is in the 'UNLOCKED' position, the device enters self-leveling mode. It automatically levels within a range of $\pm 3^\circ$. If the device is tilted beyond this range, the laser lines will flash rapidly to indicate it is out of level. Adjust the

device's position until the lines stop flashing and become steady.

4.3 Manual Mode

To activate manual mode, slide the pendulum lock switch to the 'LOCKED' position. Then, press and hold the power button (often labeled with a lightbulb icon) for a few seconds. In manual mode, the laser lines are locked and can be projected at any angle. The laser lines will flash every 5 seconds to remind you that the device is not self-leveling.

4.4 Pulse Mode

Pulse mode is designed for outdoor use or when working over longer distances with a laser receiver. To activate pulse mode, short press the pulse mode button (often labeled 'Pv' or with a pulse icon). The indicator light will illuminate, and the laser lines may appear dimmer to the naked eye. In pulse mode, the working range can extend up to 165 ft (50m) with a compatible Huepar laser receiver (LR-6RG, LR-8RG).



Figure 4: The laser level operating in pulse mode, demonstrating its extended range capability when paired with a Huepar laser receiver for outdoor or long-distance applications.

4.5 Brightness Adjustment

The D011CP features 3 brightness levels. Short press the brightness adjustment button (often labeled with a lightbulb icon) to cycle through the available brightness settings (100%, 70%, 50%) to suit different lighting conditions.



Figure 5: Illustration of the three adjustable brightness levels (100%, 70%, 50%) of the purple laser lines, allowing users to optimize visibility in various environments.

4.6 Line Switching

After powering on, the device projects a 360° horizontal line and a 130° vertical line by default. Short press the 'H' button to switch the horizontal line ON/OFF. Short press the 'V' button to switch the vertical line ON/OFF. You can use both lines simultaneously for cross-line projection.

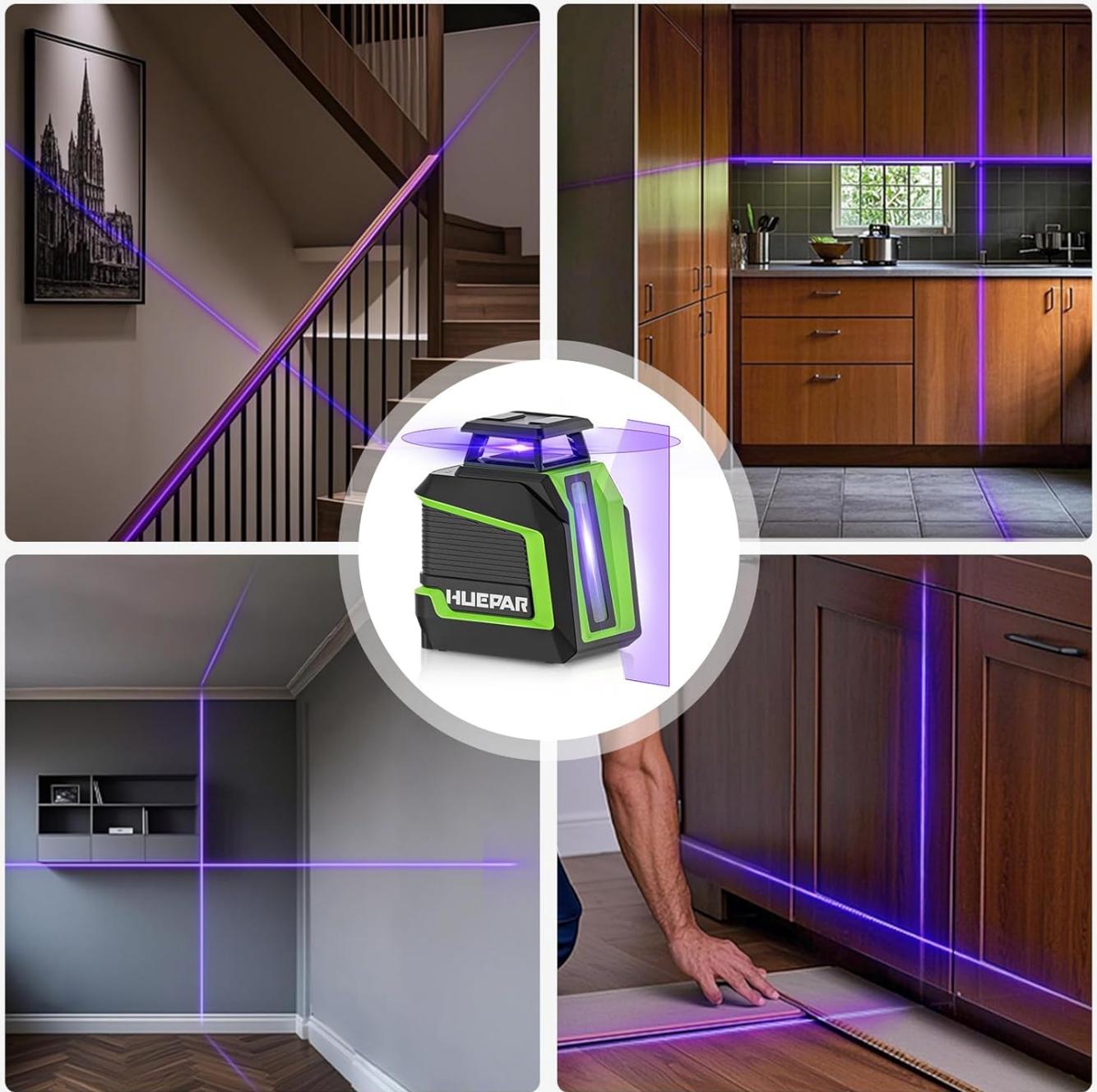


Figure 6: Examples of the Huepar D011CP Purple Laser Level projecting 360° horizontal and 130° vertical lines for diverse applications like cabinet installation, flooring, and wall alignment.

5. MAINTENANCE

- **Cleaning:** Clean the laser windows and the device body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in its carry bag in a dry, dust-free environment when not in use. Ensure the pendulum lock switch is in the 'LOCKED' position during storage and transport.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Recharge the battery regularly, even if the device is not in active use.

6. TROUBLESHOOTING

- **Laser lines flashing rapidly:** The device is out of its self-leveling range. Adjust the device's position until the lines become steady.
- **Laser lines dim or invisible:** Check the brightness setting and adjust if necessary. Ensure you are wearing the purple laser

glasses for enhanced visibility. For outdoor use or long distances, activate pulse mode with a compatible laser receiver.

- **Device not powering on:** Check the battery level. Recharge the battery if it is low. Ensure the pendulum lock switch is in the 'UNLOCKED' position.

7. SPECIFICATIONS

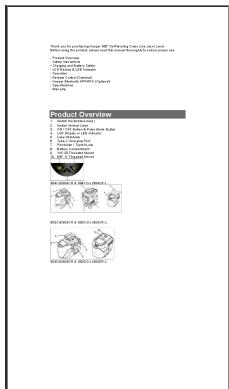
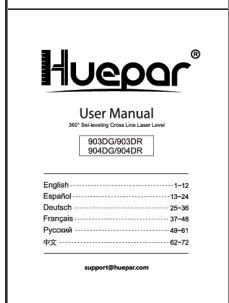
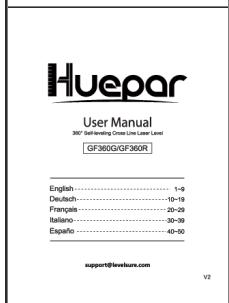
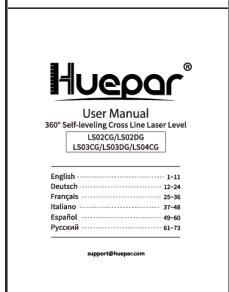
Model	D011CP
Laser Class	Class2 (IEC/EN60825-1/2014), <1mW
Laser Wavelength	440-460nm (Purple)
Leveling Accuracy	±3mm/10m (±1/9 in. at 33 ft)
Leveling/Compensation Range	3° ± 1°
Single Measurement Time	≤3 seconds
Reference Working Distance (60-100 LUX)	25m/82ft
Reference Working Distance (with Laser Detector)	Up to 50m/164ft
Power Source	Li-ion Battery 3.7V 2200mAh
Charging Time	About 3 hrs
Reference Operating Time	About 10 hrs
IP Rating	IP54 (Waterproof, Dust-proof)

8. WARRANTY AND SUPPORT

Huepar offers a **2-year warranty** for this product, covering free repair or replacement for manufacturing defects. Additionally, **Lifetime Free Technical Support** is provided for all Huepar products. For warranty claims or technical assistance, please contact Huepar customer service through their official website or the retailer where the product was purchased.

Related Documents - D011CP

 User Manual Self-leveling Cross Line Laser Level D011G	<u>Huepar 5011G Self-leveling Cross Line Laser Level User Manual</u> User manual for the Huepar 5011G self-leveling cross line laser level. Provides instructions on product overview, safety, operation, charging, and warranty.
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	<p>Huepar 360° Self-leveling Cross Line Laser Level User Manual and Specifications</p> <p>Comprehensive user manual for the Huepar 360° Self-leveling Cross Line Laser Level, covering product overview, safety instructions, operation, specifications, and warranty information for models like S04CG, S03CG, S02CG, and more.</p>
	<p>Huepar 903DG/903DR/904DG/904DR 360° Laser Level User Manual</p> <p>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.</p>
	<p>Huepar GF360G/GF360R 360° Self-leveling Cross Line Laser Level User Manual</p> <p>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.</p>
	<p>Huepar 360° Self-leveling Cross Line Laser Level User Manual</p> <p>Official user manual for Huepar 360° Self-leveling Cross Line Laser Level models LS02CG, LS02DG, LS03CG, LS03DG, and LS04CG. This guide provides detailed instructions on product operation, safety precautions, battery management, technical specifications, and warranty information.</p>
	<p>Huepar 16-Line Laser Level User Manual</p> <p>Comprehensive user manual for the Huepar 16-line laser level, covering product overview, safety instructions, charging and battery information, LCD display, operation, remote control, Bluetooth app connectivity, specifications, and warranty.</p>