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› CinusLinus 4x360° Green Laser Level with Tripod Instruction Manual (Model B0DCJ2FTJC)

## CinusLinus B0DCJ2FTJC

# CinusLinus 4x360° Green Laser Level with Tripod Instruction Manual

Model: B0DCJ2FTJC

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## 1. INTRODUCTION

Thank you for choosing the CinusLinus 4x360° Green Laser Level with Tripod. This device is designed to provide precise and reliable leveling and alignment for various indoor and outdoor construction, renovation, and DIY projects. Please read this manual thoroughly before use to ensure safe and optimal operation.

## 2. SAFETY INFORMATION

### **WARNING: LASER RADIATION**

This product is a Class II laser device with a power output of  $<1\text{mW}$ . Direct exposure to the laser beam can cause eye injury. Always follow these safety guidelines:

- Do not stare directly into the laser beam.
- Do not direct the laser beam at people or animals.
- Avoid using the laser level in direct sunlight or environments with intense natural light, as this can impair laser visibility and potentially cause eye strain.
- Keep the device out of reach of children.
- Do not attempt to modify or disassemble the laser level.
- Use only the specified power source and charging cables.

## 3. PACKAGE CONTENTS

Ensure all items are present and in good condition upon unpacking:

- 1 x CinusLinus 4x360° Green Laser Level

- 1 x 47.46" Aluminum Tripod
- 1 x 360° Rotary Base Mini Tripod
- 1 x Wall Mounted Panel/Holder
- 1 x Small Lift Table
- 1 x Portable Tool Kit
- 1 x Magnetic Wall-mounting Bracket
- 1 x Green Target Card
- 1 x Smart Remote Control
- 2 x Rechargeable Batteries (4800mAh)
- 1 x USB-C Charging Cable
- 1 x User Manual (this document)

## 4. SETUP

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### 4.1 Battery Installation and Charging

The laser level comes with two 4800mAh rechargeable batteries, each providing approximately 8 hours of operation. The battery compartment is located at the bottom of the laser level.

1. Open the battery compartment cover.
2. Insert a charged battery, ensuring correct polarity.
3. Close the battery compartment cover securely.

To charge the batteries:

- **Internal Charging:** Connect the USB-C charging cable to the port on the laser level. The battery indicator on the device will show charging status.
- **External Charging:** Each battery pack also features a USB-C port, allowing for direct charging without being inserted into the laser level.

### 4.2 Tripod Assembly and Mounting

The included aluminum tripod offers adjustable height and versatile mounting options.



Figure 4.2.1: Tripod Components Overview

1. **Extend the Tripod Legs:** Loosen the leg lock knobs and extend the legs to the desired height. Secure the knobs. The tripod can extend from 16.14 inches to 46.45 inches.
2. **Adjust Height (Center Column):** Use the manual crank and height lock knob to raise or lower the center column for fine height adjustments.
3. **Mount the Laser Level:** The laser level has a 1/4-inch thread on its base.
  - **Directly to Tripod:** Screw the laser level onto the tripod's mounting plate.
  - **Using Magnetic Bracket:** Attach the magnetic bracket to the laser level via the 1/4-inch thread. The bracket features strong magnets for attaching to metal surfaces and can be pivoted 360°.
  - **Using Wall Mounted Panel/Holder or Small Lift Table:** These accessories provide additional versatility for mounting and height adjustment.
4. **Leveling the Tripod:** Use the built-in bubble level on the tripod head to ensure the tripod is level before mounting the laser level.



Figure 4.2.2: Tripod Height Adjustments



Figure 4.2.3: Various Mounting Options

## 5. OPERATION

### 5.1 Powering On/Off and Modes

The laser level features a main power switch and control buttons on the top panel.

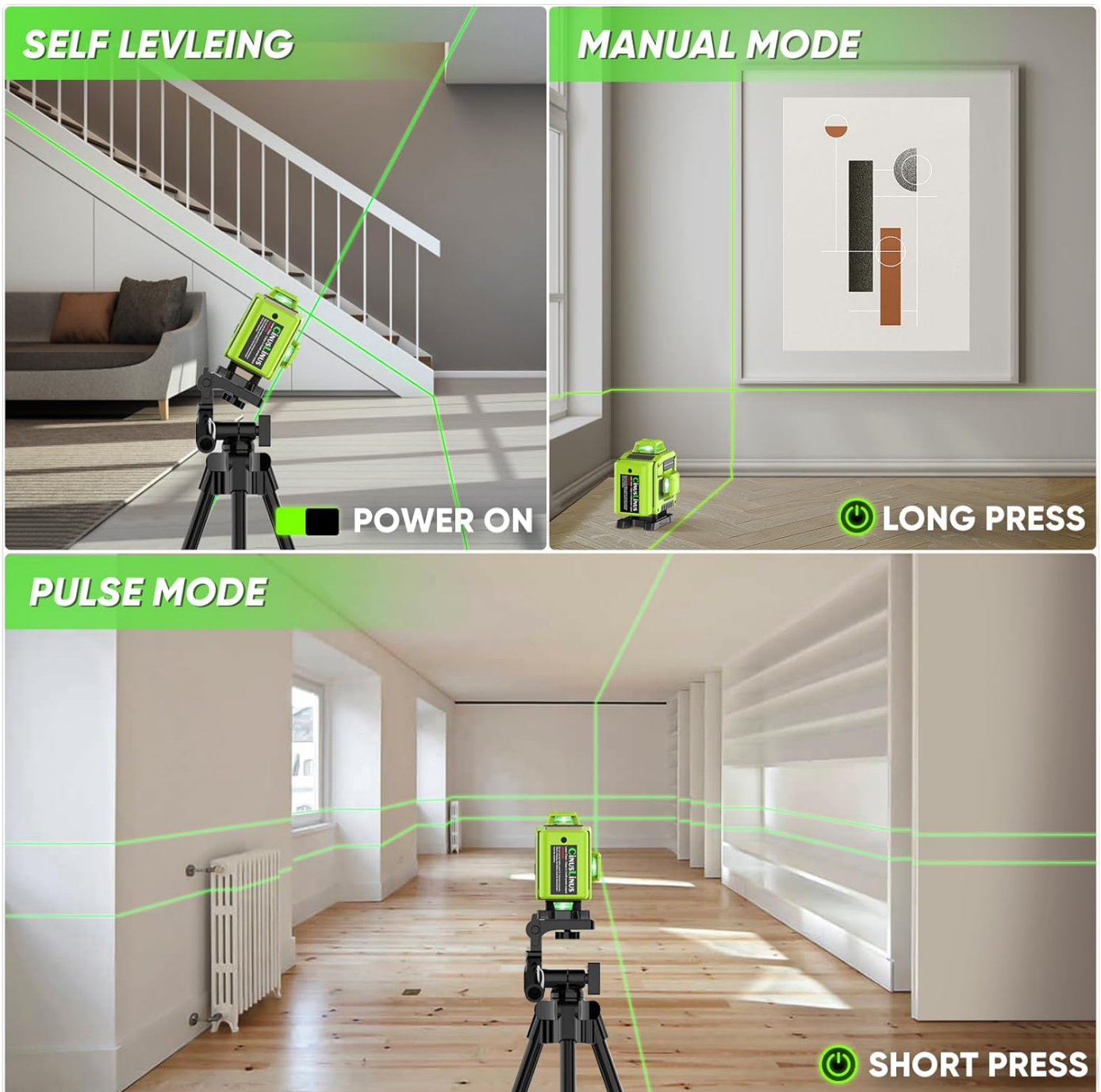
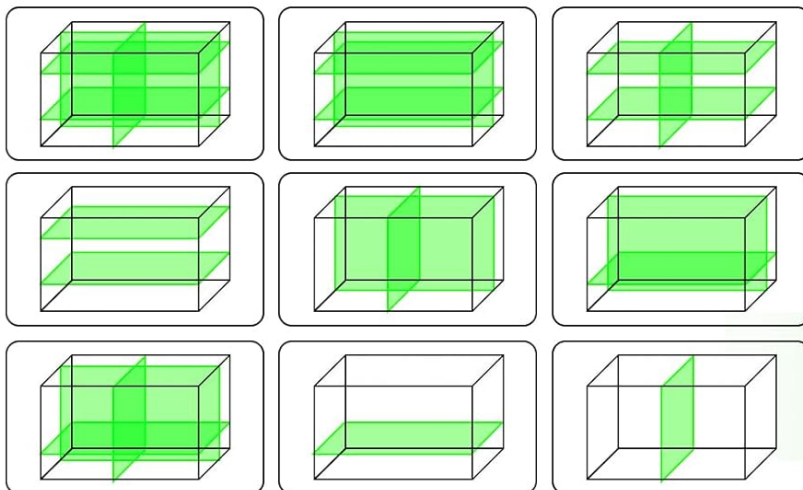
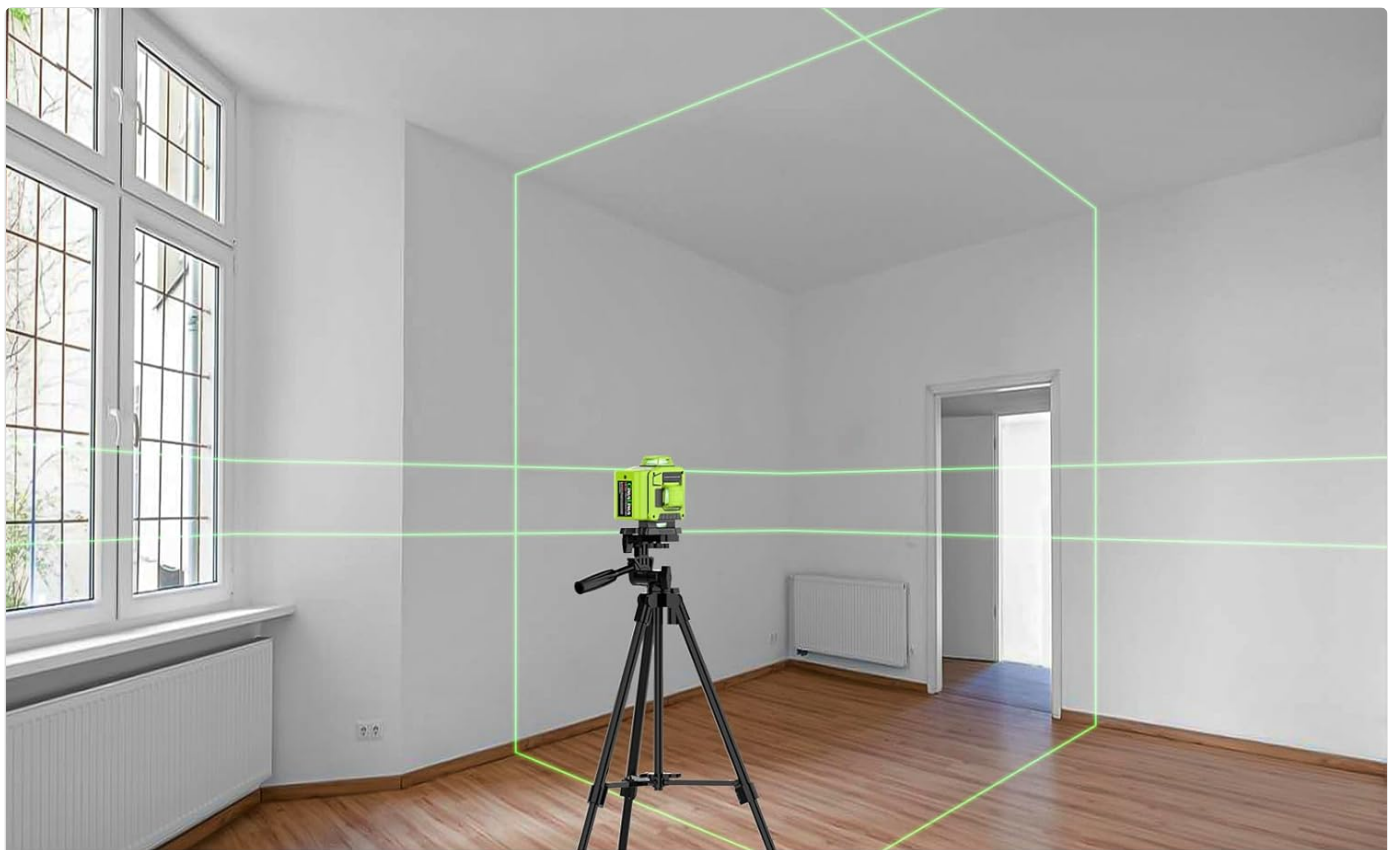


Figure 5.1.1: Operating Modes

- **Power On/Self-Leveling Mode:** Slide the main switch to the 'unlock' position. The tool will automatically enter self-leveling mode, adjusting horizontally within a  $\pm 4^\circ$  range. If the tilt exceeds  $4^\circ$ , the green laser will flash, and an auditory signal will be issued.
- **Manual Mode:** To engage manual mode, press and hold the central function button (often labeled with a lightbulb or mode icon) for a prolonged period. In this mode, the laser lines can be projected at any angle without self-leveling.
- **Pulse Mode:** A brief tap of the central function button activates pulse mode. This mode is designed for use with a laser receiver (not included) in diminished light scenarios or for extended range. Note: Brightness adjustment cannot be used simultaneously with pulse mode.

## 5.2 Laser Line Control and Brightness Adjustment

The laser level projects  $2 \times 360^\circ$  horizontal planes and  $2 \times 360^\circ$  vertical planes, providing comprehensive coverage.



**16 LINES  
SWITCHING**

Figure 5.2.1: 4x360° Laser Lines for Full Layout

- **Horizontal Lines (H button):** Press the "H" button to cycle through and activate/deactivate horizontal laser planes.
- **Vertical Lines (V button):** Press the "V" button to cycle through and activate/deactivate vertical laser planes.
- **Brightness Adjustment:** The "H" button can increase the green laser brightness, and the "V" button can decrease it. Adjust the brightness to suit various indoor lighting environments for energy efficiency and optimal visibility.

### 5.3 Remote Control Operation

The included remote control allows for convenient operation of the laser level from a distance.

- The remote control features buttons corresponding to the laser level's functions (H for horizontal, V for vertical, and a mode button).
- Use the remote to activate/deactivate laser lines and switch between modes without directly touching the device.



Figure 5.3.1: Remote Control Functionality

## 6. MAINTENANCE

- **Cleaning:** Regularly wipe the laser level and tripod with a soft, dry cloth. Do not use abrasive cleaners or solvents. Keep the laser apertures clean to ensure clear beam projection.
- **Storage:** Store the device and its accessories in the portable tool kit in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** Charge batteries fully before long-term storage. If storing for extended periods, recharge every 3-6 months to maintain battery health.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Laser lines are flashing and beeping in self-leveling mode.	The device is tilted beyond its $\pm 4^\circ$ self-leveling range.	Place the laser level on a flatter surface or adjust the tripod legs until the device is within its self-leveling range. Wait 4-8 seconds for stabilization.
Laser lines are not visible or appear dim.	Insufficient ambient light (too bright). Low battery. Laser apertures are dirty.	Avoid direct sunlight. Use indoors or in shaded areas for best visibility. Charge or replace the battery. Clean the laser apertures with a soft cloth. Activate pulse mode and use a laser receiver for outdoor or bright conditions.
Remote control is not working.	Remote battery is dead. Obstruction between remote and laser level.	Replace the remote control battery. Ensure a clear line of sight between the remote and the laser level.
Tripod is unstable or wobbles.	Legs not fully extended or locked. Mounting screw not tightened. Uneven surface.	Ensure all leg clamps are securely fastened. Tighten the mounting screw connecting the laser level to the tripod. Adjust tripod legs to compensate for uneven surfaces, using the bubble level for guidance.

# INDOOR, NIGHT, DUSK, CLOUDY Green Laser For Better Visibility



**Note: Outdoor and indoor use in strong sunlight is not recommended.**

Figure 7.1: Optimal Usage Environments

## 8. SPECIFICATIONS

Feature	Detail
Brand	CinusLinus
Model	B0DCJ2FTJC
Laser Class	Class II, <1mW power output
Laser Color	Green
Laser Configuration	4x360° (2 Horizontal, 2 Vertical)
Indoor Visibility Range	Up to 165 feet
Self-Leveling Range	±4°
Battery Type	Rechargeable (4800mAh)
Battery Life	Approx. 8 hours per battery
Charging Port	USB-C (on device and battery packs)
Tripod Height Range	16.14 inches to 46.45 inches
Material	Acrylonitrile Butadiene Styrene (ABS)
Operation Modes	Self-Leveling, Manual Tilt Line, Pulse Mode
Included Accessories	Tripod, Mini Tripod, Wall Mount, Lift Table, Magnetic Bracket, Target Card, Remote Control, 2 Batteries, USB-C Cable, Tool Kit

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact CinusLinus customer service directly. Specific warranty terms may vary by region and retailer.

