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Nikotek NK-01G

Nikotek Green Laser Level Instruction Manual

Model: NK-01G

Introduction

Thank you for choosing the Nikotek Green Laser Level. This device is designed to provide accurate and reliable leveling for various applications, including home decoration, DIY projects, and construction sites. This manual provides essential information for the safe and efficient operation, setup, maintenance, and troubleshooting of your laser level. Please read it thoroughly before use.

Safety Information

WARNING: This is a Class 2 laser product. Avoid direct eye exposure to the laser beam. Do not stare into the beam. Laser radiation can cause eye injury.

- Do not attempt to disassemble or modify the laser level. Repairs should only be performed by authorized service personnel.
- Do not operate the laser level in explosive atmospheres or near flammable liquids and gases.
- Keep the device out of reach of children.
- Always turn off the laser level when not in use and engage the pendulum lock.
- Use only specified batteries (AA batteries). Ensure correct polarity when inserting batteries.
- The laser wavelength is 635nm with a power output of <1mW.

Package Contents

Verify that all items are present in your package:

- 1 x Nikotek Green Laser Level (Model NK-01G)
- 2 x AA Batteries
- 1 x Canvas Carry Bag
- 1 x User Manual



Image: The Nikotek Green Laser Level, two AA batteries, and a portable cloth bag, illustrating the package contents.

Product Overview

The Nikotek Green Laser Level features a bright green cross-line laser with a wide 110° projection angle. Its compact and lightweight design makes it easy to handle and transport. The device is built to be durable with an IP54 rating, making it waterproof, dustproof, and shockproof.

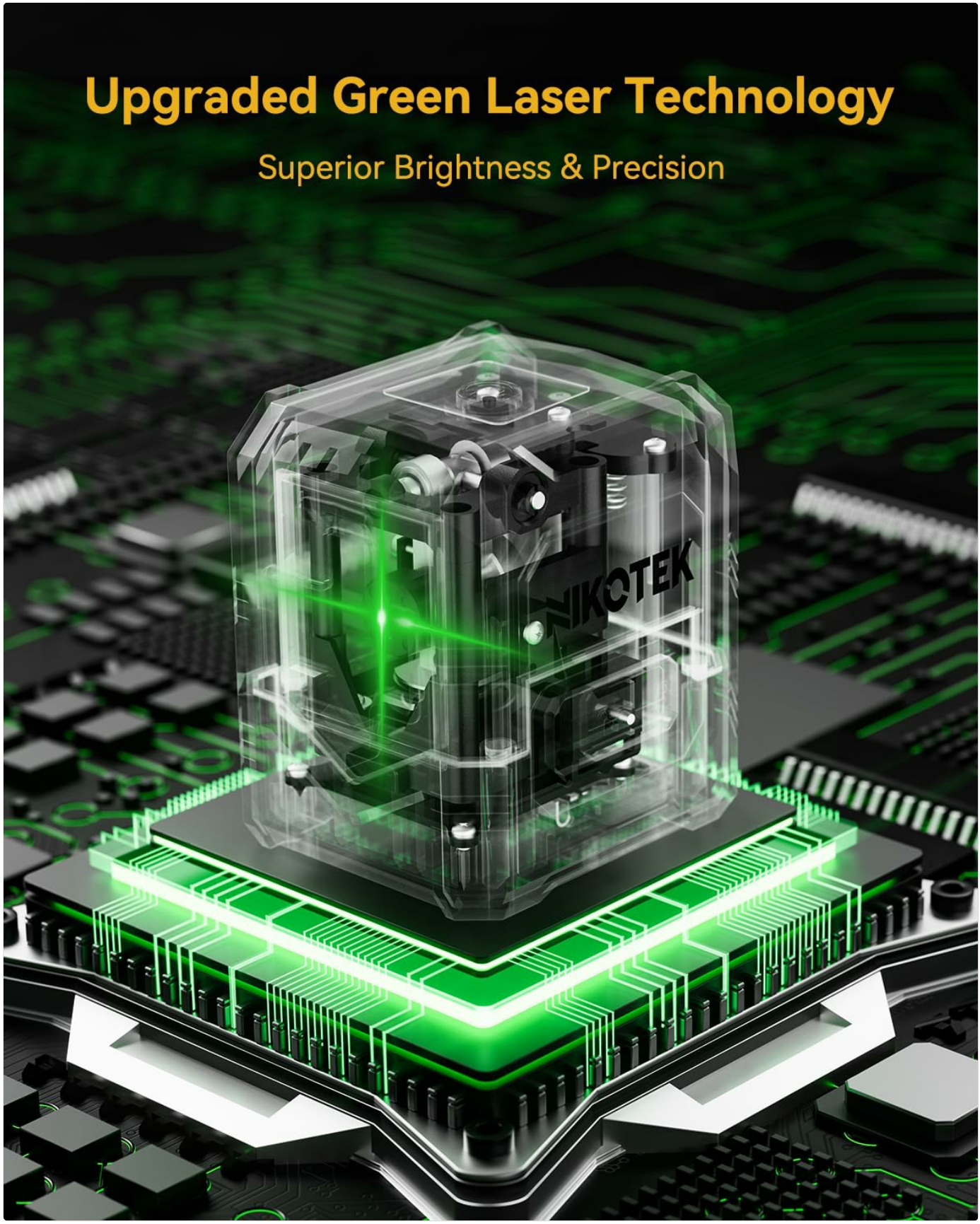


Image: The Nikotek laser level shown in a rugged outdoor setting, emphasizing its IP54 waterproof and dustproof capabilities.



Image: A visual representation of the laser level's durability, showing it can withstand a 1-meter drop while maintaining accuracy.

Setup

1. **Battery Installation:** Open the battery compartment on the device. Insert the two AA batteries, ensuring correct polarity (+/-). Close the compartment securely. The device supports up to 6 hours of continuous work with fresh batteries.
2. **Mounting (Optional):** The laser level features a 1/4" screw hole on the bottom, allowing compatibility with most

tripods or magnetic mounts (tripod and magnetic mount are not included).



Image: The laser level attached to a magnetic mount (not included) for precise drilling, highlighting the 1/4"-20 thread.



Image: The laser level mounted on a tripod (not included) being used by two workers for measurement, illustrating the 1/4"-20 thread.

Operating Modes

The Nikotek Green Laser Level offers two primary operating modes: Self-Leveling Mode and Manual Mode.



Image: A split image demonstrating the Self-Leveling Mode (left, for horizontal/vertical alignment) and Manual Mode (right, for angled projections like stairs).

1. Self-Leveling Mode

1. **Activation:** Slide the side button (switch button) to the unlocked position. The pendulum will unlock, and the laser level will automatically self-level within a 3.5° range.
2. **Indication:** If the surface is tilted more than 3.5°, the laser beam will continuously flash, indicating that it is outside the self-leveling range. Adjust the device's position until the beam stops flashing and becomes steady.

3. **Application:** Ideal for tasks requiring precise horizontal and vertical alignment, such as hanging pictures, installing shelves, or tiling.

2. Manual Mode (Locked Mode)

1. **Activation:** Slide the side button (switch button) to the locked position. This locks the pendulum, allowing the laser to project lines at any angle.
2. **Entering Laser Lock Mode:** In the locked mode, long press the top button (laser lock button) for three seconds to activate the laser.
3. **Application:** Suitable for tasks that require projecting non-level lines, such as installing handrails on stairs or decorative patterns.

Important Note: The key at the top is the laser lock button, not the main power switch. The main power switch is the slider button on the side of the product.

Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the laser level in its carry bag in a dry, cool place when not in use. Always engage the pendulum lock before storage or transport to protect the internal components.
- **Battery Replacement:** Replace batteries when the laser beam becomes dim or the device fails to power on. Always remove batteries if the device will not be used for an extended period to prevent leakage.
- **Calibration:** While the device is factory calibrated, if you suspect a calibration issue, contact customer support. Do not attempt to recalibrate the device yourself.

Troubleshooting

Problem	Possible Cause	Solution
Laser does not turn on.	Batteries are dead or incorrectly inserted. Pendulum lock is engaged and laser lock button not pressed (in manual mode).	Replace batteries, ensuring correct polarity. Slide the side switch to the unlocked position for self-leveling mode, or ensure the side switch is locked and long-press the top button for manual mode.
Laser beam is flashing continuously in self-leveling mode.	Device is tilted beyond its 3.5° self-leveling range.	Place the laser level on a flatter surface until the beam becomes steady.
Laser beam is dim.	Low battery power.	Replace the AA batteries.
Inaccurate readings.	Device is not properly leveled (in self-leveling mode) or has been dropped/damaged.	Ensure the device is within its self-leveling range. If issues persist after a drop, contact customer support for potential calibration or repair.

Specifications

Brand	Nikotek

Model Number	NK-01G
Laser Class	Class 2
Laser Wavelength	635nm
Power Output	<1mW
Self-Leveling Range	±3.5°
Beam Angle	110°
Working Range	Up to 100 feet (30 meters)
IP Rating	IP54 (Waterproof, Dustproof, Shockproof)
Power Source	2 x AA Batteries
Battery Life	Up to 6 hours (continuous use)
Material	Metal
Color	Green
Product Dimensions	9L x 9W Centimeters
Item Weight	250 g
UPC	769282399027
Country of Origin	China

Support

For any questions, concerns, or technical assistance regarding your Nikotek Green Laser Level, please contact our customer service. We are committed to providing excellent service and will do our best to resolve any issues you may encounter.
Please refer to your purchase documentation or the retailer's website for specific contact information.

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.

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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

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