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## KKnoon KAF8453066794567QG

**KKnoon**

# KKnoon 4D 16-Line Green Laser Level Instruction Manual

Model: KAF8453066794567QG

## INTRODUCTION

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Thank you for choosing the KKnoon 4D 16-Line Green Laser Level. This device is designed for precise horizontal and vertical alignment tasks in various construction and renovation projects. It features advanced 4D laser technology, automatic self-leveling, and multiple operating modes to enhance accuracy and efficiency. Please read this manual thoroughly before operation to ensure safe and correct usage.

## PACKAGE CONTENTS

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The package includes the KKnoon 4D 16-Line Green Laser Level unit, two 2400 mAh rechargeable batteries, a charger, a remote control, a magnetic wall bracket, a lifting platform base, and a carrying bag. Ensure all components are present and undamaged upon unboxing.

- 1x KKnoon 4D 16-Line Green Laser Level
- 2x 2400 mAh Rechargeable Batteries
- 1x Power Adapter/Charger
- 1x Remote Control

- 1x Magnetic Wall Bracket
- 1x Lifting Platform Base (360° rotatable)
- 1x Carrying Bag
- 1x User Manual (this document)

## PRODUCT FEATURES

- **4D 16-Line Laser Projection:** Emits 8 horizontal and 8 vertical green laser lines, creating a comprehensive 360° coverage for various alignment tasks.
- **High Visibility Green Laser:** Utilizes a bright green laser for enhanced visibility indoors and outdoors.
- **Automatic Self-Leveling:** Automatically levels within  $\pm 4^\circ$  for quick and accurate setup.
- **Manual/Tilt Mode:** Allows locking the pendulum for projecting lines at any angle.
- **Adjustable Brightness:** Five levels of brightness adjustment to suit different environmental lighting conditions.
- **Dual Power Source:** Operates with two 2400 mAh rechargeable batteries, ensuring extended working time.
- **Remote Control:** Conveniently switch laser lines and adjust brightness from a distance.
- **Versatile Mounting Options:** Equipped with 1/4" and 5/8" mounting threads, compatible with tripods and the included magnetic wall bracket and lifting platform.
- **Durable Construction:** Designed for robust use in various work environments.

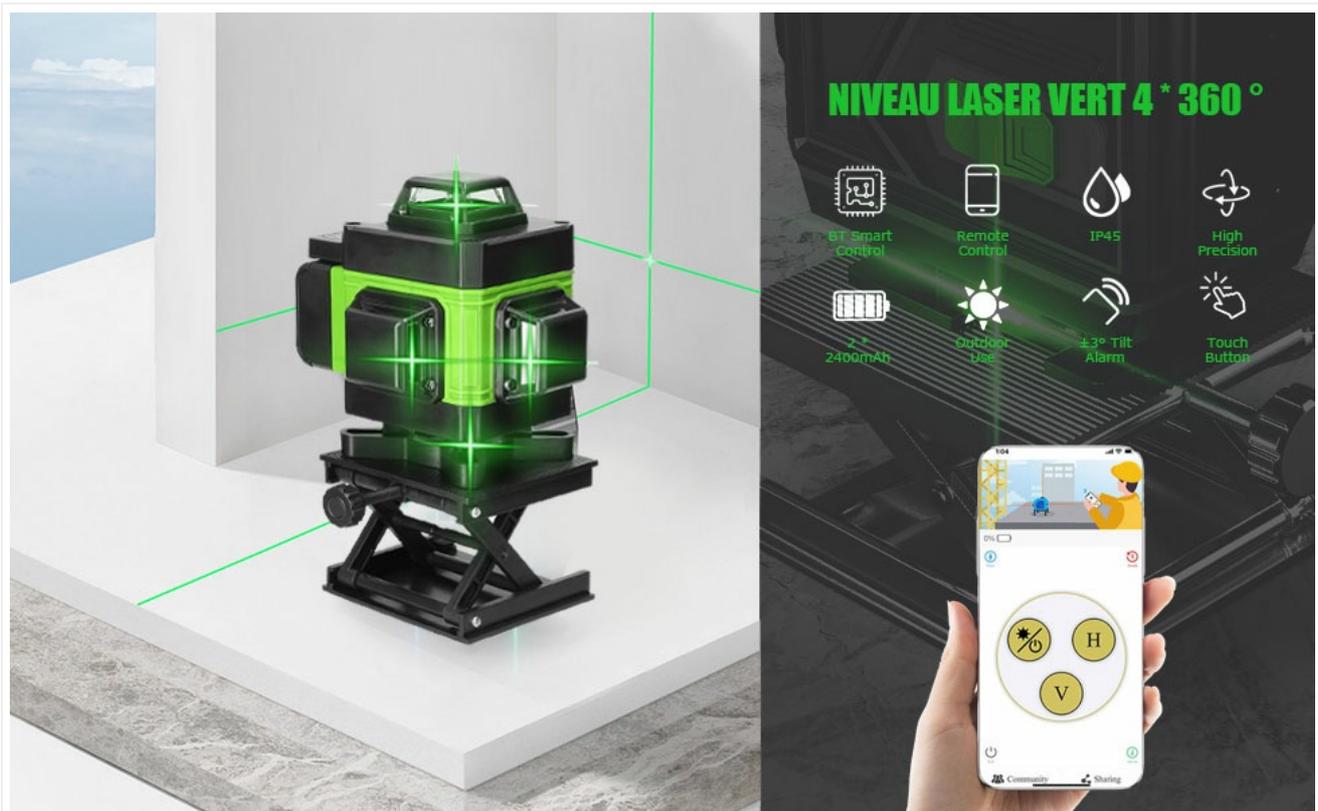


Image: The laser level projecting 4D lines and a smartphone displaying the remote control interface.

## SAFETY INSTRUCTIONS

Always adhere to the following safety guidelines to prevent injury and damage to the device:

- **Laser Radiation:** This product emits Class II laser radiation. Do not stare directly into the laser beam or direct it towards others.
- **Eye Protection:** Avoid direct eye exposure to the laser beam. Use appropriate laser safety glasses if prolonged exposure is unavoidable.

- **Children:** Keep the device out of reach of children.
- **Operating Environment:** Do not operate the laser level in explosive atmospheres or near flammable materials.
- **Maintenance:** Do not attempt to modify or disassemble the device. Repairs should only be performed by authorized service personnel.
- **Battery Safety:** Use only the specified rechargeable batteries and charger. Do not short-circuit, incinerate, or expose batteries to high temperatures.

## SETUP

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### 1. Battery Installation and Charging

1. Open the battery compartment cover located on the side or back of the laser level.
2. Insert the rechargeable batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.
4. To charge, connect the power adapter to the charging port on the device and plug it into a power outlet. The charging indicator will illuminate.
5. A full charge typically takes several hours. Disconnect the charger once charging is complete.

### 2. Mounting the Device

The laser level can be mounted in several ways:

- **Tripod Mounting:** Attach the device to a standard tripod using the 1/4" or 5/8" mounting threads on the bottom.
- **Magnetic Wall Bracket:** Use the included magnetic bracket to attach the laser level to metallic surfaces. The bracket allows for fine adjustment of height and position.
- **Lifting Platform Base:** Place the laser level on the 360° rotatable lifting platform base for height adjustment and easy rotation on flat surfaces.

## OPERATING INSTRUCTIONS

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### 1. Powering On/Off

- To power on, slide the main power switch (usually located on the side) to the "ON" position. The device will enter automatic self-leveling mode.
- To power off, slide the main power switch to the "OFF" position.

### 2. Automatic Self-Leveling Mode

- When powered on, the device automatically enters self-leveling mode. The laser lines will blink rapidly if the device is outside its self-leveling range (typically  $\pm 4^\circ$ ).
- Adjust the position of the laser level until the laser lines stop blinking and become stable, indicating it is self-leveled.

### 3. Manual/Tilt Mode

- To activate manual mode (for projecting lines at an angle), press and hold the "V" button on the control panel for 2 seconds after powering on. The LED indicator will turn red.
- In manual mode, the self-leveling function is deactivated, and the laser lines can be projected at any desired angle.
- To exit manual mode, press and hold the "V" button again for 2 seconds, or power off and restart the device.

### 4. Switching Laser Lines

- Press the "H" button to cycle through horizontal laser lines (e.g., one horizontal line, two horizontal lines, all horizontal lines).
- Press the "V" button to cycle through vertical laser lines (e.g., one vertical line, two vertical lines, all vertical lines).
- The remote control can also be used to switch between horizontal and vertical lines.

## 5. Brightness Adjustment

- The laser level features five levels of brightness adjustment.
- Use the dedicated brightness adjustment button (often indicated by a sun icon) on the control panel or the remote control to cycle through brightness levels.
- Adjust brightness according to ambient light conditions for optimal visibility and eye protection.

## 6. Remote Control Usage

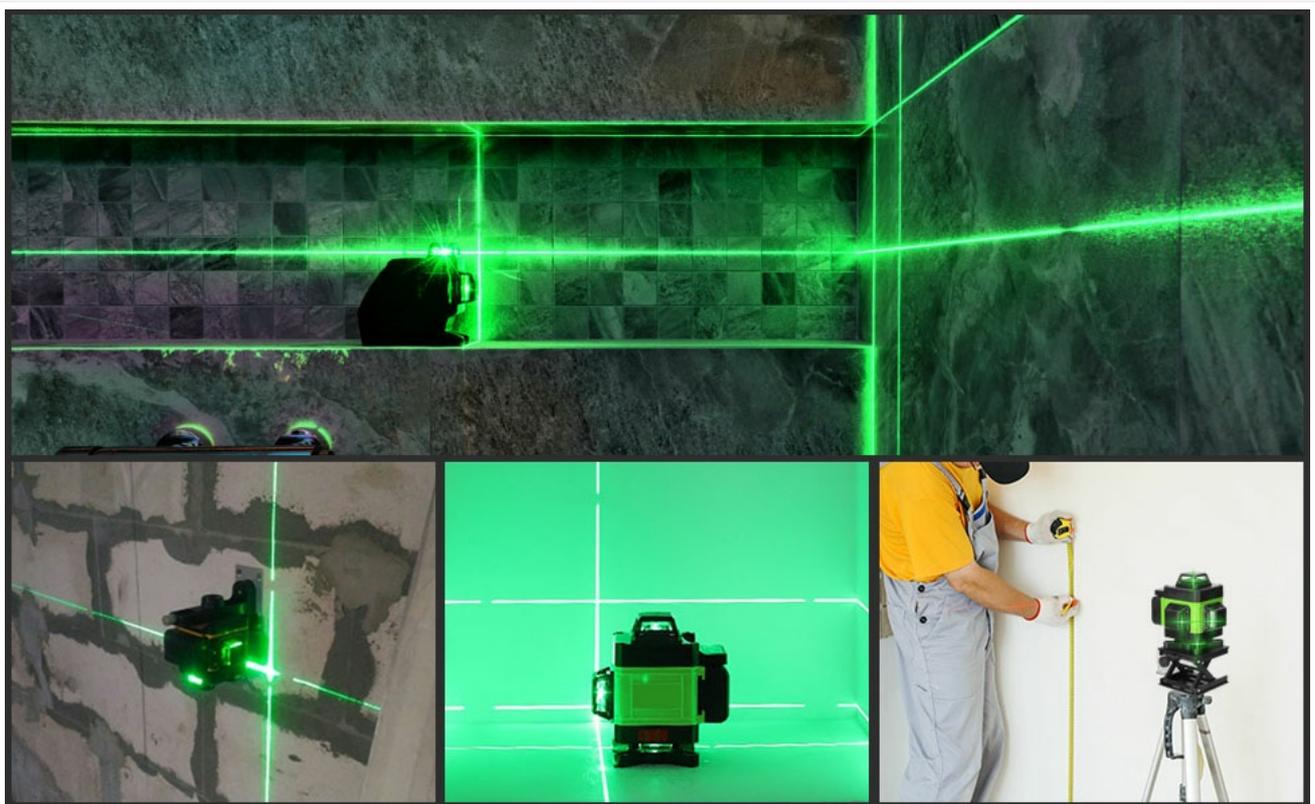
- Ensure the remote control has working batteries.
- Point the remote control towards the laser level.
- Use the "H" and "V" buttons to control horizontal and vertical lines, and the brightness button to adjust laser intensity.

## APPLICATIONS

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The KKnoon 4D 16-Line Green Laser Level is suitable for a wide range of tasks, including:

- Tile installation (floor and wall tiles)
- Wall decoration and picture hanging
- Cabinet and shelf installation
- Stair and railing alignment
- Framing and drywall installation
- Electrical outlet and switch placement
- General construction and renovation projects



## MAINTENANCE

- **Cleaning:** Wipe the device with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep the laser apertures clean and free of dust.
- **Storage:** Store the laser level in its carrying bag in a dry, cool place, away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods.
- **Calibration:** If you suspect the device is out of calibration, refer to the troubleshooting section or contact customer support. Do not attempt to recalibrate without proper instructions.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Laser lines are blinking rapidly.	Device is outside its self-leveling range ( $\pm 4^\circ$ ).	Place the device on a flatter surface or adjust its position until the lines stabilize.
No laser lines appear.	Device is not powered on, batteries are low/dead, or laser apertures are blocked.	Check power switch, charge/replace batteries, ensure laser apertures are clear.
Laser lines are dim.	Brightness setting is low, or ambient light is too bright.	Increase brightness setting. For outdoor use, consider using a laser receiver (not included).
Remote control is not working.	Remote batteries are dead, or remote is out of range/not pointed correctly.	Replace remote batteries, ensure direct line of sight, and operate within effective range.
Inaccurate measurements.	Device is not level, or has been dropped/damaged.	Ensure the device is self-leveled. If accuracy issues persist after a fall, contact customer support for calibration or repair.

## SPECIFICATIONS

<b>Model Number</b>	KAF8453066794567QG (E18087GR-EU)
<b>Laser Class</b>	Class II
<b>Laser Color</b>	Green
<b>Number of Lines</b>	16 (8 Horizontal, 8 Vertical)
<b>Self-Leveling Range</b>	$\pm 4^\circ$
<b>Power Source</b>	2x 2400 mAh Rechargeable Batteries
<b>Material</b>	Plastic, Metal
<b>Product Dimensions</b>	12.45 x 12.45 x 0.1 cm
<b>Weight</b>	1485 Grams

<b>Operating Mode</b>	Automatic / Manual
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## WARRANTY AND SUPPORT

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KKnoon products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official KKnoon website. For technical support, troubleshooting assistance, or spare parts inquiries, please contact KKnoon customer service through the contact information provided on the product packaging or website.

Please retain your proof of purchase for warranty claims.