

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [Firecore](#) /

› [Firecore Laser Level 360 Self Leveling, 3 x 360° Compact Green Beam Cross Line Laser Leveler Tool for Picture Hanging Wall Tile Construction, 2 Rechargeable Batteries and Magnetic Bracket Included 3 x 360° Laser Level](#)

## Firecore G50

# Firecore G50 Laser Level User Manual

Model: G50

## INTRODUCTION

---

The Firecore G50 self-leveling 360-degree 3-plane laser is a versatile tool designed for precision in various construction and home improvement tasks. It offers robust features for accurate and efficient work, including high visibility green beams, multiple operating modes, and extended battery life. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal performance and safety.

## WHAT'S IN THE BOX

---

Upon unboxing your Firecore G50 Laser Level, please ensure all the following components are present:

- 1 x G50 Laser Level
- 2 x Rechargeable Li-ion Batteries
- 1 x Remote Control
- 1 x Magnetic Bracket
- 1 x Type-C Charging Cable
- 1 x Portable Bag
- 1 x User Manual

## 2 x 4000 mAh REMOVABLE BATTERY | Continuous use for 14+ hours



Image: Firecore G50 Laser Level, two batteries, magnetic bracket, remote control, Type-C charging cable, portable bag, and user manual.

## SETUP

### Battery Installation and Charging

The Firecore G50 comes with two 3.7V / 4000mAh rechargeable Li-ion batteries. One battery is pre-installed. To install or replace a battery, open the battery compartment located at the bottom of the unit. Insert the battery, ensuring correct polarity, and close the compartment securely.

Batteries can be charged either while inside the unit or separately. To charge the unit directly, connect the provided Type-C charging cable to the charging port on the side of the laser level. The individual batteries also feature a Type-C charging port, allowing them to be charged independently. A full charge provides 7 hours of continuous use per battery, totaling 14+ hours with both batteries.

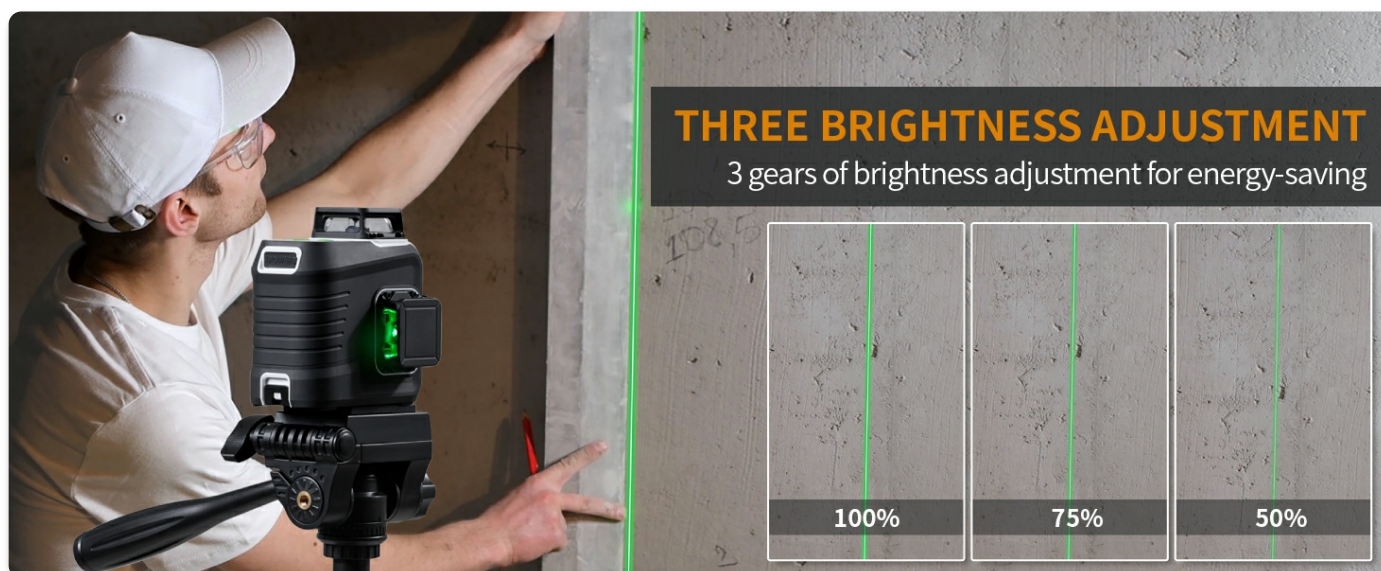


Image: Illustration of battery charging options: directly in the unit via Type-C, charging individual batteries via Type-C, and direct plugging for continuous power.

### Mounting the Laser Level

The Firecore G50 can be mounted using its magnetic bracket or a standard tripod. The magnetic bracket features strong magnets for attachment to metal surfaces and a 1/4-inch screw thread for connecting to the laser level. The bracket also allows for fine vertical adjustment using a knob.



Image: The Firecore G50 Laser Level attached to its multifunctional magnetic bracket, demonstrating its ability to adhere to metal surfaces and adjust vertically.

## OPERATING MODES

The Firecore G50 offers multiple operating modes to suit various leveling needs.

### Self-Leveling Mode

To activate self-leveling mode, slide the power switch to the 'ON' position. The laser will automatically level itself within  $\pm 4^\circ$ . If the unit is outside this range, the laser lines will flash to indicate it cannot self-level. This mode is ideal for ensuring perfectly level and plumb lines for standard applications.

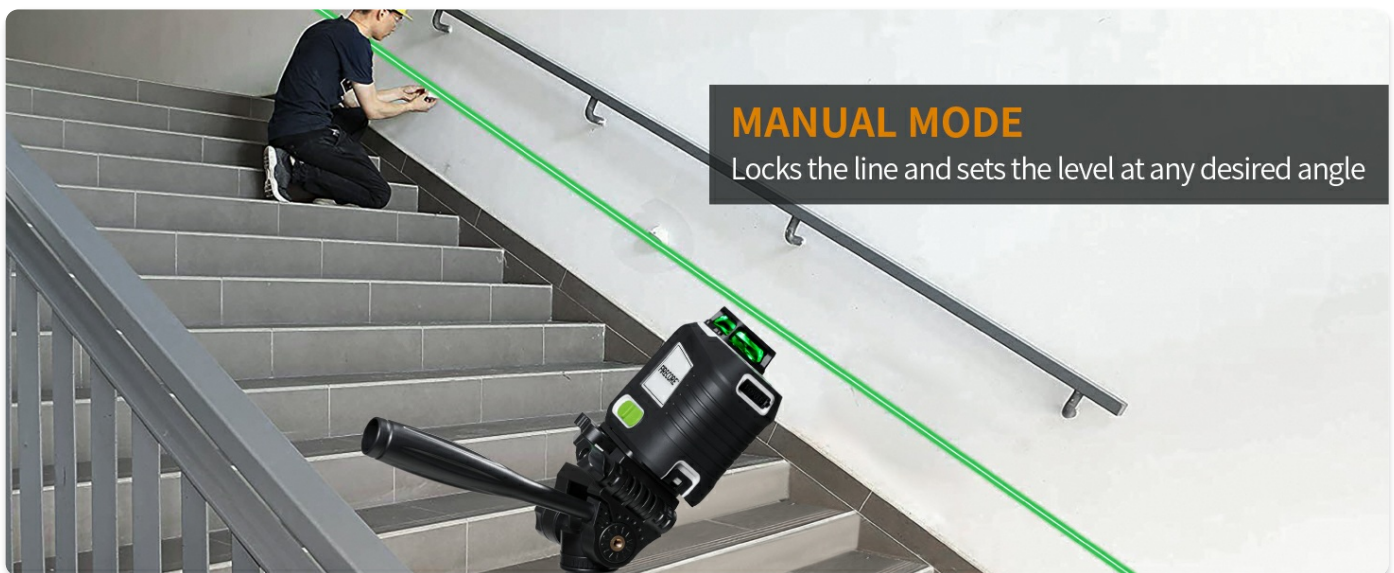


Image: A person using the Firecore G50 Laser Level in self-leveling mode, projecting horizontal and vertical lines onto a wall for precise alignment.

### Manual Mode

For applications requiring lines at specific angles (e.g., diagonal lines), the manual mode can be used. To enter manual mode, ensure the power switch is 'OFF'. Then, press and hold the brightness button for 3 seconds. The laser lines will be locked in position, allowing you to project lines at any desired angle without self-leveling.

### Pulse Mode

The pulse mode extends the working range of the laser up to 165 ft when used with an optional FD30 laser receiver. To activate pulse mode, press the brightness button while in self-leveling or manual mode. The laser lines will flash every 5 seconds,



indicating pulse mode is active. This is particularly useful for outdoor use or in bright conditions where the laser lines might otherwise be difficult to see.



Image: The Firecore G50 Laser Level projecting green lines across a large, open space in pulse mode, indicating extended range capability with a receiver.

### Brightness Adjustment

The laser level features three levels of brightness adjustment to optimize visibility in different lighting conditions and conserve battery life. Press the brightness button to cycle through the different brightness settings.



Image: A user adjusting the brightness of the Firecore G50 Laser Level, with visual representations of 100%, 75%, and 50% brightness levels on a wall.

### Remote Control Functionality

The included remote control allows for convenient adjustment of laser lines and brightness from up to 33 ft away, even through walls. This feature is particularly useful when the laser level is set up in a hard-to-reach location or when you need to make adjustments without disturbing the unit.



Image: A person using the remote control to adjust the Firecore G50 Laser Level, which is mounted on a pole, projecting multiple green lines across a room.

Video: A demonstration of the Firecore Laser Level being used for picture hanging, showcasing its ease of use and precision for home decoration tasks.

Video: Firecore Laser Level for Picture Hanging

## MAINTENANCE

To ensure the longevity and accuracy of your Firecore G50 Laser Level, follow these maintenance guidelines:

- Keep the laser level clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- Store the laser level in its portable bag when not in use to protect it from damage.
- Ensure batteries are fully charged before long-term storage to maintain battery health.

## TROUBLESHOOTING

If your laser level is not functioning as expected, refer to the following common issues and solutions:

- **Laser lines are flashing:** This indicates the unit is outside its  $\pm 4^\circ$  self-leveling range. Adjust the position of the laser level until the lines stop flashing and become stable.
- **Laser lines are dim:** Adjust the brightness setting using the brightness button on the unit or the remote control. Ensure batteries are fully charged.
- **Unit does not power on:** Check that the power switch is in the 'ON' position and that the batteries are properly installed and charged.

For further assistance, please refer to the detailed user manual or contact Firecore customer support.

## SPECIFICATIONS



Feature	Specification
Model	G50
Laser Class	Class 2 (IEC/EN 60825-1:2014), <1mw power output

Feature	Specification
Laser Wavelength	505nm-520nm
Horizontal/Vertical Accuracy	±1/17 inch at 23Ft
Self-Leveling Time	within 3s
Self-Leveling Range	±4°
Working Distance	100 ft (165 ft with FD30 laser receiver)
IP Rating	IP54 water/dust resistance
Mount Size	1/4"-20
Power Source	Battery Powered (2 Lithium Polymer batteries included)
Item Weight	2.2 pounds (1 Kilogram)
Product Dimensions	9.84"L x 7.87"W
Material	Acrylonitrile Butadiene Styrene
Color	Green Beam

## WARRANTY AND SUPPORT

Firecore provides a 24-Month after-sale service and lifetime technical support for the G50 Laser Level. Please feel free to contact us if you have any concerns or require assistance.

## Related Documents - G50

	<p><a href="#">4G GPS Tracker User Manual: G50 Series (G50S, G50M, G50L) - Features, Setup, and Usage</a></p> <p>Comprehensive user manual for the G50 series 4G GPS trackers, including G50S, G50M, and G50L models. Learn about features, setup, positioning methods, app usage, SMS commands, and troubleshooting.</p>
	<p><a href="#">Firecore Green Laser Level User Manual - Operation, Safety, and Specifications</a></p> <p>Detailed user manual for the Firecore Green Laser Level. Includes product overview, safety warnings, operation modes, maintenance guide, troubleshooting tips, technical specifications, and warranty information for professional and DIY users.</p>



# FIRECORE®

GREEN BEAM SELF-LEVELING  
3 x 360 LASER LEVEL

Model: G50



English	1-10
Deutsch	11-20
Français	21-30
Español	31-40

support@FIRECORRtools.com

## [FIRECORE G50 Green Beam Self-Leveling 3x360 Laser Level User Manual](#)

Comprehensive user manual for the FIRECORE G50 Green Beam Self-Leveling 3x360 Laser Level, covering safety instructions, product overview, operating modes, specifications, maintenance, troubleshooting, and warranty information.

lang:en score:26 filesize: 3.56 M page\_count: 46 document date: 2025-05-14