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> RockSeed Cross Line Laser Level Instruction Manual

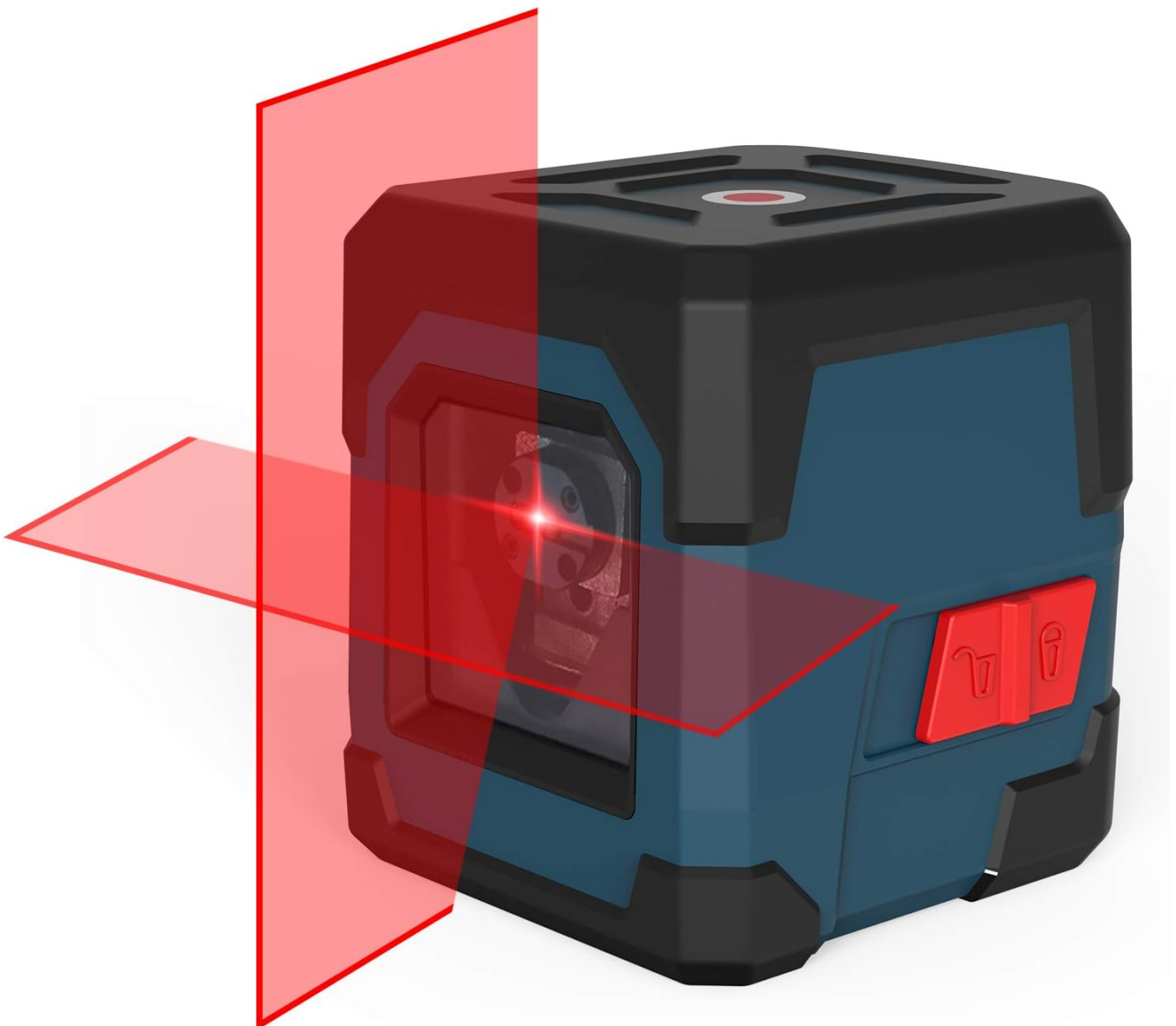
## RockSeed LV1

# RockSeed Cross Line Laser Level Instruction Manual

Model: LV1 | Brand: RockSeed

## INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your RockSeed Cross Line Laser Level. Please read this manual thoroughly before use and retain it for future reference.



The RockSeed Cross Line Laser Level projects bright red horizontal and vertical lines for precise alignment tasks.

## SAFETY INFORMATION

### Laser Safety

**WARNING:** This product emits laser radiation. Avoid direct eye exposure to the laser beam. Do not stare into the beam.

This device complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.

### General Safety Precautions

Always operate the laser level in a stable environment. Keep the device clean and dry. Do not attempt to disassemble or repair the unit yourself.

## PACKAGE CONTENTS

The RockSeed Cross Line Laser Level package includes:

- 1 x Laser Level Tool
- 1 x Canvas Carry Case
- 2 x AA Batteries
- 1 x Instruction Manual



Included items: the laser level, a canvas carry case, two AA batteries, and this instruction manual.

## PRODUCT OVERVIEW & FEATURES

The RockSeed Cross Line Laser Level is designed for various leveling and alignment tasks, offering high visibility and accuracy.

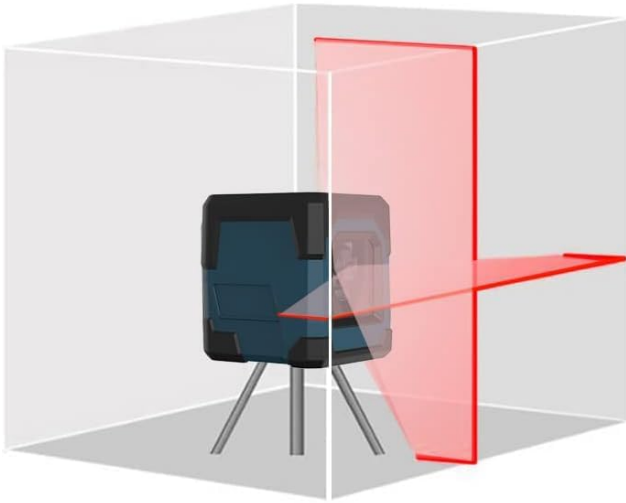
### Key Features:

- **Dual Modes: Self-Leveling & Manual:** Easily switch between modes for automatic leveling or locking the cross line at any angle.
- **High Visibility & Accuracy:** Projects a bright red cross line with an accuracy of  $\pm 1/8$  inch at 30 feet.
- **Durable Design:** IP54 protection grade ensures resistance to shock, water, and dust.
- **Flexible Mounting:** Features a 1/4" thread mount for tripod attachment and can be used with a magnetic bracket (sold separately).



The laser level assists in various applications, including hanging pictures, installing stair railings, and applying wallpaper.

## self-leveling mode



**Self-level Available**



**Within 4 Degree**

$\leq \pm 4^\circ$



**Pendulum Unlocked**

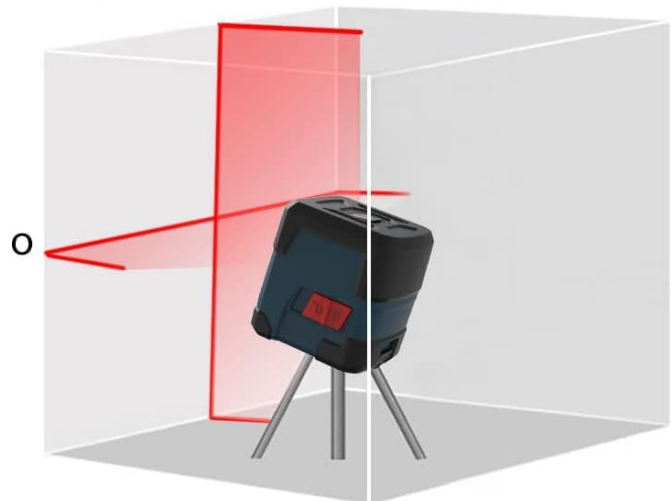
## manual mode



**Manually place at any angle**



**Pendulum Locked**



Understand the two operational modes: self-leveling for automatic horizontal/vertical alignment and manual mode for projecting lines at custom angles.

## 1.2 meters drop protection

The solid quality makes it less likely to be damaged after a fall



The robust design provides 1.2 meters of drop protection, enhancing durability on job sites.



with 1/4" thread mount can attach to steel surfaces or studs, You can use a variety of fixtures and accessories (such as a tripod)

The 1/4" thread mount allows for versatile attachment to tripods or magnetic brackets for flexible positioning.



The IP54 rating ensures the laser level is protected against dust, water splashes, and impacts.

## SETUP

### Battery Installation

1. Open the battery compartment cover located on the back of the device.
2. Insert the two AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

### Initial Placement

Place the laser level on a stable, flat surface or mount it on a tripod. Ensure the surface is relatively level for optimal self-leveling performance.

## OPERATING INSTRUCTIONS

### Power On/Off

Slide the power switch to the ON position to power on the device. Slide it to the OFF position to power off.

## Self-Leveling Mode

When the power switch is in the ON position, the device defaults to self-leveling mode. The laser will automatically level itself within a range of  $4^{\circ} \pm 1^{\circ}$ . If the device is outside this range, the laser lines will flash to indicate an out-of-level condition. Adjust the device's position until the lines stop flashing and become steady.

## Manual Mode

To activate manual mode, slide the power switch to the ON position, then press and hold the power button on top of the unit for 3 seconds. In manual mode, the self-leveling function is deactivated, allowing you to project laser lines at any desired angle. The laser lines will not flash in this mode, regardless of the device's tilt.

## Switching Laser Lines

Press the button on top of the unit to cycle through laser line modes: horizontal line only, vertical line only, or both horizontal and vertical lines (cross line).

## MAINTENANCE

### Cleaning

Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or solvents. Keep the laser output window clean for clear projection.

### Storage

When not in use for extended periods, remove the batteries to prevent leakage. Store the device in its canvas carry case in a cool, dry place, away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

### Laser Lines Flashing

If the laser lines are flashing in self-leveling mode, the device is out of its self-leveling range. Adjust the position of the laser level until it is within  $4^{\circ} \pm 1^{\circ}$  of true level. The lines will become steady once leveled.

### No Laser Output

Check if the batteries are correctly installed and have sufficient charge. Ensure the power switch is in the ON position. If the issue persists, replace the batteries.

### Poor Visibility of Laser Lines

Laser line visibility can be affected by ambient light. For best results, use the laser level in dimly lit environments. The red laser is designed for indoor use or shaded outdoor areas.

## SPECIFICATIONS

Feature	Detail
Brand	RockSeed
Model	LV1
Color	Red

Feature	Detail
Material	Metal
Product Dimensions	3.94"L x 3.54"W
Item Weight	0.51 Pounds (8.2 ounces)
Operation Mode	Automatic
Self-Leveling Range	4° $\pm$ ; 1°
Accuracy	$\pm$ 1/8 inch at 30 Ft
Protection Grade	IP54 (Shock resistant, waterproof, dustproof)
Power Source	Battery Powered (2 AA Alkaline batteries included)
Mounting Thread	1/4"

## WARRANTY AND SUPPORT

### Warranty Information

Every RockSeed laser level is covered by a ONE-YEAR after-sale service. This warranty covers defects in materials and workmanship under normal use.

### Customer Support

For any product questions, technical assistance, or warranty claims, please contact RockSeed customer support through the retailer's platform or visit the official RockSeed website for contact details.