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› RockSeed Mileseey Cross Line Laser Level L52R Instruction Manual

RockSeed L52R

RockSeed Mileseey Cross Line Laser Level L52R Instruction Manual

Model: L52R

1. INTRODUCTION

The RockSeed Mileseey Cross Line Laser Level L52R is a precision instrument designed for various leveling and alignment tasks. It projects bright red horizontal and vertical laser lines, offering high visibility and accuracy for both professional and DIY applications. This manual provides essential information for the safe and effective use of your laser level.

2. SAFETY INSTRUCTIONS

WARNING: This is a Class 2 laser product with a power output of $<1\text{mW}$. Direct exposure to the laser beam may cause eye injury. Always follow these safety guidelines:

- Do not stare directly into the laser beam.
- Do not point the laser beam at people or animals.
- Avoid operating the laser level near reflective surfaces that could redirect the beam into your eyes or others'.
- Do not allow children to operate the laser level.
- Use the device only for its intended purpose.
- Do not attempt to modify or disassemble the laser level.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x RockSeed Mileseey Cross Line Laser Level L52R Tool
- 1 x Canvas Carry Case
- 1 x Magic Strap
- 2 x AA Batteries

- 1 x Instruction Manual

Package Display

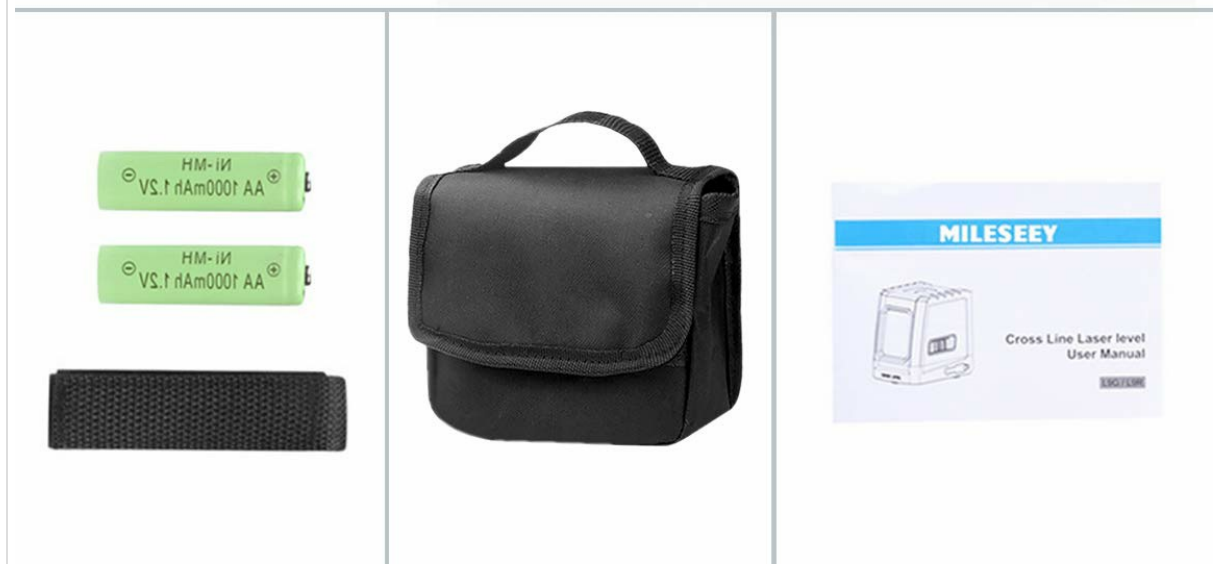


Image: Contents of the L52R package, showing the laser level, carry case, magic strap, batteries, and manual.

4. SETUP AND BATTERY INSTALLATION

4.1 Battery Installation

The L52R laser level operates on two AA batteries. To install or replace batteries:

1. Locate the battery compartment cover on the device.
2. Open the cover.

3. Insert two AA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

4.2 Mounting Options

The laser level offers versatile mounting options for various applications:

- **Magic Strap Installation:** The card slot at the back of the machine allows for installation with the included magic strap. This enables easy attachment to irregular pillars or posts.

Magic strap installation

The powerful magnet design can easily attach the spirit level to various iron frames and walls, allowing the product to output laser lines more balanced

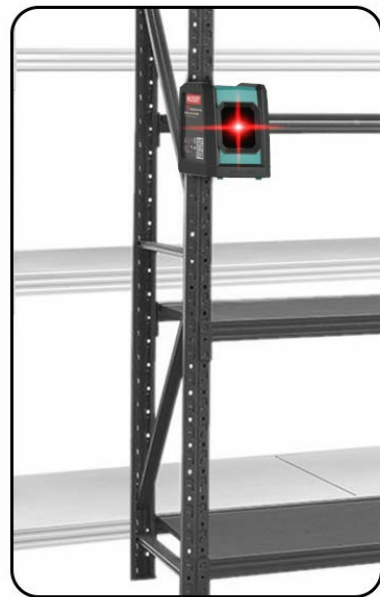


Image: Laser level secured to a column with the magic strap, demonstrating its use.

- **Magnetic Attachment:** The powerful magnet design allows the laser level to be easily attached to various iron frames and walls, providing stable laser lines.



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).

Image: Laser level attached to a metal beam via its magnetic base, showing its versatility.

- **Tripod Mounting:** The device features a 1/4" thread mount, allowing it to be attached to a standard tripod or other compatible fixtures and accessories for height adjustment and precise positioning.

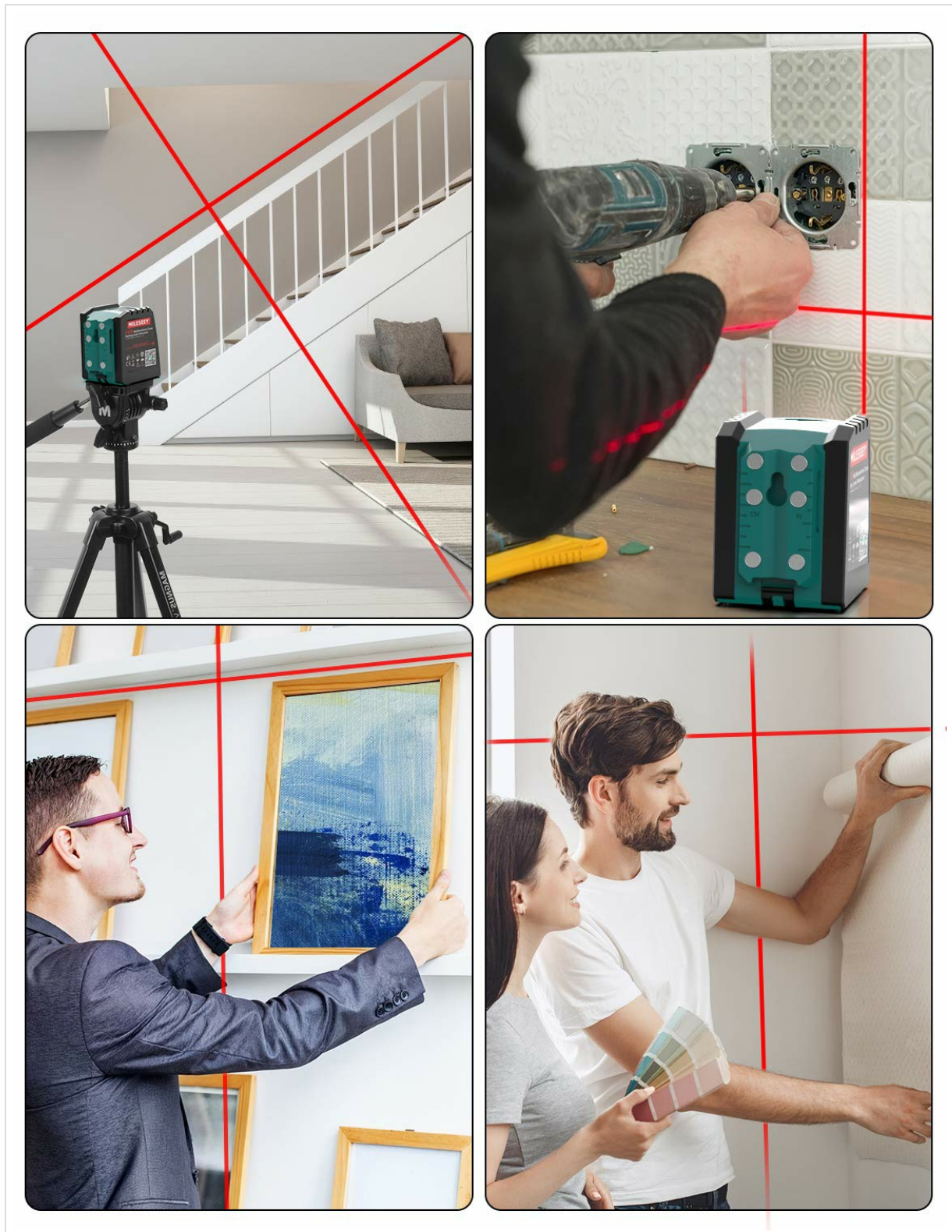


Image: Laser level on a tripod, used for aligning pictures on a wall.

5. OPERATING MODES

The L52R laser level features two primary operating modes:

5.1 Self-Leveling Mode (Auto Balance Mode)

This mode automatically levels the laser lines within a certain tilt range.

- **Activation:** Unlock the pendulum by sliding the switch to the 'unlocked' position.
- **Operation:** If the tilt angle is $\leq 4^\circ$, the laser level will automatically project horizontal, vertical, or cross

lines.

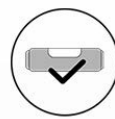
- **Out-of-Level Indication:** If the device is tilted beyond 4°, the laser lines will flash to indicate an out-of-level condition. Adjust the device until the lines stop flashing and become steady.

5.2 Manual Mode (Lock Mode)

This mode allows you to project laser lines at any desired angle.

- **Activation:** Lock the pendulum by sliding the switch to the 'locked' position.
- **Operation:** In this mode, the laser lines are locked and will not self-level. You can manually place the unit at any angle to project tilted lines for tasks like staircase alignment.
- **Alarm:** A speaker alarm may sound when adjusting in manual mode, indicating the pendulum is locked.

Auto balance mode



Self-level Available



Within 4Degree



Pendulum Unlocked

Automatic balance within 4 degrees Guarantee the accuracy of horizontal and vertical lines

Lock mode



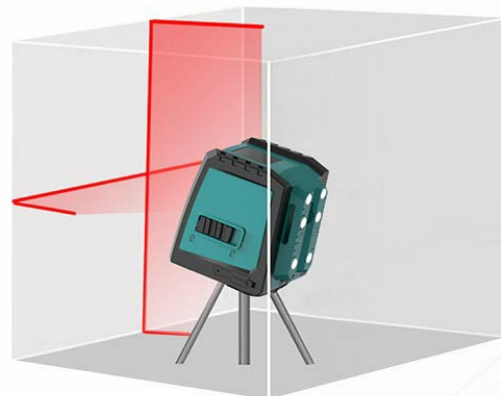
Manually place the unit at any angle



Speaker alarm when adjusting



Pendulum Locked



Fully locked horizontal laser Adjustable at any angle, tilting the laser line

6. OPERATION

6.1 Powering On/Off and Switching Lines

Use the main power switch to turn the device on or off. Press the mode button to cycle through horizontal line, vertical line, or cross line projection.

6.2 Applications

The L52R laser level is suitable for a wide range of tasks, including:

- Paving tiles
- Installing photos, doors, and windows
- Furniture carpentry
- Hanging wallpaper
- General alignment and layout tasks

IP54 protection level, 4 Feet drop protection

Prevent liquid dust from entering and meet the working needs in harsh environments. The solid quality makes it less likely to be damaged after a fall.



Image: Various uses of the laser level in different home improvement and construction tasks.

7. MAINTENANCE AND CARE

To ensure the longevity and accuracy of your laser level:

- **Cleaning:** Wipe the device with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep the laser output window clean.
- **Storage:** Store the laser level in its canvas carry case in a dry, cool place, away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods.
- **Protection:** The device has an IP54 protection grade, making it resistant to dust and splashing water.

It also features 4 ft. collision protection. However, avoid unnecessary drops or impacts.

IP54 protection level, 4 Feet drop protection

Prevent liquid dust from entering and meet the working needs in harsh environments. The solid quality makes it less likely to be damaged after a fall.



Image: Laser level demonstrating its IP54 water and dust resistance.

8. TROUBLESHOOTING

- **Laser lines are flashing:** In self-leveling mode, this indicates the device is tilted beyond its 4° self-leveling range. Adjust the position of the laser level until the lines become steady.
- **No laser lines:** Check if the device is powered on and if the batteries are correctly installed and charged.
- **Inaccurate lines:** Ensure the device is on a stable surface and within its self-leveling range (if in self-

leveling mode). Avoid strong vibrations during operation.

9. TECHNICAL SPECIFICATIONS

Brand	RockSeed
Model	L52R
Laser Class	Class 2
Power Output	<1mW
Measuring Range	Up to 50ft (approx. 15m)
Accuracy	±1/8 of an inch at 30 Ft (±3mm at 10m)
Self-Leveling Range	≤ 4°
Protection Grade	IP54 (Dustproof, Splashproof)
Drop Protection	4 ft.
Material	Metal, Plastic
Item Weight	460 Grams
Operation Mode	Automatic, Manual

10. WARRANTY AND SUPPORT

The RockSeed Mileseey Cross Line Laser Level L52R is covered by a **TWO-YEAR warranty**. For any product questions, technical assistance, or warranty claims, please contact RockSeed customer support. Refer to the contact information provided with your purchase or visit the official RockSeed website.

Official Mileseey Website: www.mileseeytools.com
