

LASGOO LG-REC01

LasGoo LG-REC01 Laser Receiver Instruction Manual

Model: LG-REC01 | Brand: LASGOO

INTRODUCTION

The LasGoo LG-REC01 Laser Receiver is designed to enhance the functionality of your pulsing line laser levels, providing extended working range and improved accuracy in various lighting conditions. This manual provides detailed instructions for the proper setup, operation, and maintenance of your device to ensure optimal performance and longevity.

PACKAGE CONTENTS

Please check the package contents upon receipt to ensure all items are present:

- 1x LG-REC01 Laser Receiver
- 1x Type-C Cable
- 1x Clamp Bracket
- 1x User Manual (this document)

PRODUCT OVERVIEW

The LG-REC01 Laser Receiver is engineered for precision and ease of use. Key features include:

Dual Precision Modes

Switch between high precision mode ($\pm 2\text{mm}$) for critical tasks and low precision mode ($\pm 3\text{mm}$) for general applications, offering flexibility for various job requirements.



Image: The LasGoo LG-REC01 Laser Receiver highlighting its dual precision modes, offering both high ($\pm 2\text{mm}$) and low ($\pm 3\text{mm}$) accuracy settings.

Compatible with Red and Green Lasers

The receiver is designed to detect both red and green laser signals with a pulse frequency of 10 KHz. Ensure your laser level is set to pulse mode for proper detection. It operates effectively up to 50 meters (164 feet) in open spaces.

Dual Displays and Dual Bubble Levels

Equipped with LCD displays on both the front and back, the receiver allows for easy reading from any angle. Integrated bubble levels on the front and top provide additional visual cues for accurate leveling.



Image: The LasGoo LG-REC01 Laser Receiver featuring its double-sided LCD readouts and two integrated bubble levels for enhanced visibility and accuracy.

Optical and Acoustic Detection

The receiver provides clear visual indicator lights on the screen, complemented by an adjustable speaker that emits distinct sounds. These combined signals help you quickly and accurately locate the laser plane.

Built-in Rechargeable Battery with Type-C Charging

The LG-REC01 features a built-in rechargeable battery, offering up to 20 hours of continuous operation on a full charge. It

supports convenient Type-C charging.



Image: The LasGoo LG-REC01 Laser Receiver being charged via a Type-C cable, illustrating its long-lasting 20-hour battery life.

Auxiliary Clamp Bracket

The included clamp bracket allows for easy attachment of the receiver to a measuring rod, pole, or other suitable objects, providing versatile mounting options for various applications.



Image: The LasGoo LG-REC01 Laser Receiver demonstrating its auxiliary clamp bracket for secure attachment to various surfaces, including a measuring rod.

SETUP

1. Charging the Receiver

1. Connect the provided Type-C cable to the charging port on the side of the LG-REC01 receiver.
2. Connect the other end of the cable to a standard USB power adapter (not included).
3. The battery indicator on the display will show charging status. A full charge typically provides up to 20 hours of use.

2. Attaching the Clamp Bracket

1. Align the receiver with the clamp bracket.
2. Secure the receiver to the clamp by tightening the knob on the bracket.
3. Attach the clamp to a measuring rod, pole, or other stable surface. Ensure it is securely fastened.

3. Preparing Your Laser Level

Important: The LG-REC01 Laser Receiver is designed to work exclusively with **pulsing line laser levels**. Before use, ensure your laser level is switched to pulse mode. Refer to your laser level's instruction manual for details on activating pulse mode.

- **Compatible LasGoo Models:** LG-3Ds, LG-3Dx, LG-3DM, LG-3DMAX, LG-4D, LG-RS5, etc.
- **Incompatible LasGoo Models:** LG-CROSS, LG-3D, 3D-RS12.

OPERATING INSTRUCTIONS

1. Powering On/Off

- Press the power button () to turn the receiver on.
- Press and hold the power button for 2 seconds to turn the receiver off.
- The receiver will automatically shut down after 10 minutes of inactivity to conserve battery.

2. Switching Precision Modes

- Short press the precision mode button () to toggle between high precision ($\pm 2\text{mm}$) and low precision ($\pm 3\text{mm}$) modes.
- The active precision mode will be indicated on the LCD display.

3. Adjusting Speaker Volume

- Press the speaker button () to cycle through different volume levels or mute the audio feedback.

4. Detecting the Laser Beam

Position the receiver in the path of the pulsing laser beam. The LCD displays and audible signals will guide you to the laser plane.

1. Visual Indication:

- If the laser beam is above the center mark, the upper indicator lights will illuminate, and the display will show an arrow pointing downwards.
- If the laser beam is below the center mark, the lower indicator lights will illuminate, and the display will show an arrow pointing upwards.
- When the laser beam is aligned with the center mark, the center indicator lights will illuminate, and the display will show a horizontal line.

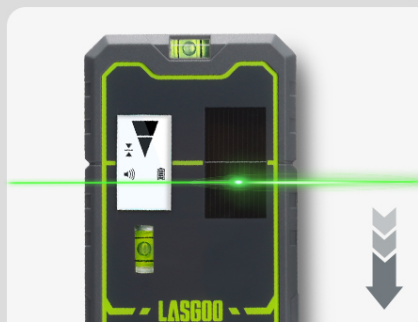
2. Audible Indication:

- A fast beep sound indicates the receiver needs to be moved upwards.
- A slow beep sound indicates the receiver needs to be moved downwards.
- A steady tone indicates the receiver is perfectly aligned with the laser beam.

Move the Receiver According to the indicator light



The Lower Indicator Lights Up
Move Upward



The Upper Indicator Lights Up
Move Downward



Alignment
No Need to Move

Image: The LasGoo LG-REC01 Laser Receiver illustrating how to move the receiver based on visual indicator lights for precise laser beam alignment.

Adjust the Receiver According to Different Sound



A Fast Beep Sounds
Must be Moved Up



A Slow Beep Sounds
Must be Moved Down



Steady
Parallel

Image: The LasGoo LG-REC01 Laser Receiver demonstrating how to adjust its position based on different audible tones for accurate laser beam detection.

MAINTENANCE

- Keep the receiver clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- Store the receiver in its protective packaging when not in use.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Receiver not detecting laser beam.	Laser level not in pulse mode.	Ensure your laser level is set to pulse mode.
	Receiver is too far from the laser level.	Move the receiver closer to the laser level (within 50m range).
	Low battery.	Recharge the receiver's battery using the Type-C cable.
Inaccurate readings.	Receiver not level.	Use the built-in bubble levels to ensure the receiver is perfectly level.
No sound from speaker.	Speaker volume is muted or too low.	Press the speaker button to adjust the volume.

SPECIFICATIONS

Model	LG-REC01
Brand	LASGOO

Material	Metal, Plastic
Precision Modes	High: ±2mm, Low: ±3mm
Laser Compatibility	Green & Red Pulsing Line Lasers (10 KHz frequency)
Working Distance	Up to 50m (164ft)
Display	Dual LCD Displays (front & back)
Leveling Aids	Dual Bubble Levels (front & top)
Detection Feedback	Optical (indicator lights) & Acoustic (adjustable speaker)
Battery Type	Built-in Rechargeable Battery
Charging Port	Type-C
Included Accessories	Type-C Cable, Clamp Bracket

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or visit the official LASGOO website. Our customer service team is available to assist you with any questions or concerns regarding your LG-REC01 Laser Receiver.

Each item has a unique code that we verify before shipping, ensuring product authenticity and quality.

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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