

Swampfox RDLR122-2GD

Swampfox Liberator II Mini Dot Sight

Instruction Manual for Model RDLR122-2GD (2 MOA Green Dot)

INTRODUCTION

Thank you for choosing the Swampfox Liberator II Mini Dot Sight. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new optic. The Liberator II is engineered for durability and precision, featuring a crisp 2 MOA green dot, Shake 'N Wake motion sensing technology, and robust construction suitable for various firearm platforms.

Please read this manual thoroughly before using the product to ensure safe and optimal performance. Keep this manual for future reference.

SAFETY INFORMATION

- Always ensure your firearm is unloaded and safe before handling or installing any accessories.
- Do not look directly into the objective lens or emitter when the sight is active, as prolonged exposure to the LED light may cause eye strain.
- Keep batteries out of reach of children. If swallowed, seek immediate medical attention.
- Use only the specified battery type (CR-2032). Incorrect battery types may damage the device.
- Avoid disassembling the sight. Unauthorized modifications will void the warranty and may cause damage.
- This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

PACKAGE CONTENTS

Verify that all items are present in your package:

- Swampfox Liberator II Mini Dot Sight (2 MOA Green Dot)
- Low Profile Picatinny Mount
- Absolute Co-Witness Picatinny Mount
- CR-2032 Battery
- Lens Cloth
- Adjustment Tool

- Instruction Manual (this document)

PRODUCT OVERVIEW



Figure 1: Front-right view of the Liberator II Mini Dot Sight, showcasing its compact design and objective lens.



Figure 2: Side view of the Liberator II, highlighting the windage and elevation adjustment turrets and the battery compartment.

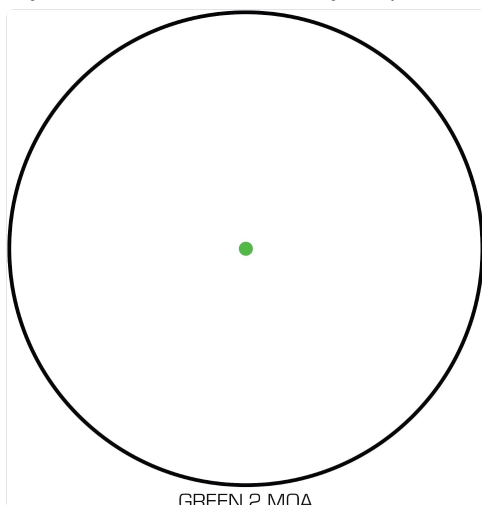


Figure 3: The crisp 2 MOA green dot reticle as seen through the sight, ideal for precision aiming.

The Liberator II features a durable aluminum housing, multi-coated lenses for clarity, and easily accessible adjustment turrets. The battery compartment is conveniently located on the side for quick replacement without removing the optic.

SETUP

1. Battery Installation

The Liberator II uses one CR-2032 battery. The battery compartment is located on the side of the optic.

1. Unscrew the battery cap located on the side of the sight using a coin or the provided adjustment tool.
2. Insert the CR-2032 battery with the positive (+) side facing outwards.
3. Carefully screw the battery cap back on until it is finger-tight. Do not overtighten.

2. Mounting the Sight

The Liberator II comes with two Picatinny mounts: a low profile mount and an absolute co-witness mount. Choose the mount appropriate for your firearm and desired sight height.



ABSOLUTE CO-WITNESS MOUNT (INCLUDED)

Figure 4: The Liberator II mounted on the absolute co-witness Picatinny mount, suitable for MSRs and shotguns.

1. Select the desired mount (low profile or absolute co-witness).
2. Attach the Liberator II optic to the chosen mount using the provided screws. Ensure it is securely fastened.
3. Place the assembled sight onto the Picatinny rail of your firearm.
4. Tighten the mount's cross-bolt or quick-release lever (depending on mount type) to secure the sight to the rail. Ensure it is firm and does not wobble.
5. Verify proper eye relief and position before final tightening.

OPERATING INSTRUCTIONS



Figure 5: A user demonstrating proper aiming technique with the Liberator II mounted on a rifle.

1. Power On/Off (Shake 'N Wake)

The Liberator II features Shake 'N Wake motion sensing technology for automatic power management.

- **Power On:** The sight will automatically power on and illuminate the reticle when it detects motion.
- **Power Off:** If no motion is detected for 4 consecutive minutes, the sight will automatically power off to conserve battery life. Any slight movement will instantly reactivate the sight.

2. Brightness Adjustment

The Liberator II has 10 brightness settings: two for night vision compatibility and eight for daylight conditions.

- Use the "+" button on the side of the sight to increase brightness.
- Use the "-" button to decrease brightness.
- Cycle through the settings to find the optimal brightness for your environment.

3. Windage and Elevation Adjustment

The windage (horizontal) and elevation (vertical) adjustments are located on the top and side of the sight, respectively. Each click adjusts the point of impact by a specific amount (typically 1 MOA per click, refer to specifications for exact value).

1. Remove the protective caps from the adjustment turrets.
2. Use a flathead screwdriver or the provided adjustment tool to turn the turrets.
3. **Elevation (Top Turret):** Turning clockwise moves the point of impact DOWN. Turning counter-clockwise moves the point of impact UP.
4. **Windage (Side Turret):** Turning clockwise moves the point of impact RIGHT. Turning counter-clockwise moves the

point of impact LEFT.

- 5. Make small adjustments and fire test shots to zero your sight accurately.
- 6. Once zeroed, replace the protective caps to prevent accidental adjustments and protect the turrets.

MAINTENANCE

1. Cleaning

- **Lenses:** Use the provided lens cloth or a soft, clean microfiber cloth to gently wipe the lenses. For stubborn smudges, a small amount of lens cleaning solution designed for optics can be applied to the cloth (not directly to the lens). Avoid using abrasive materials or harsh chemicals.
- **Housing:** Wipe the sight's housing with a damp cloth to remove dirt and debris. Dry thoroughly.

2. Battery Replacement

Replace the CR-2032 battery when the dot appears dim or flickers, or if the Shake 'N Wake function becomes unreliable. Refer to the "Battery Installation" section for detailed steps.

3. Storage

When not in use, store the Liberator II in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, it is recommended to remove the battery to prevent potential leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Dot does not illuminate.	Dead or incorrectly installed battery. Sight is in power-off mode.	Check battery orientation and charge. Replace battery if necessary. Gently shake the sight to activate Shake 'N Wake.
Dot is dim or flickers.	Low battery. Brightness setting too low.	Replace battery. Increase brightness using the "+" button.
Dot appears distorted or starburst.	Astigmatism (user's eye condition). Dirty lens.	This is often an optical illusion caused by astigmatism and is not a defect of the sight. Try looking through the sight with a rear iron sight or peep sight to confirm. Clean lenses thoroughly.
Sight loses zero.	Mounting screws loose. Impact or rough handling.	Check and tighten all mounting screws. Re-zero the sight. If problem persists after re-zeroing and tightening, contact customer support.

SPECIFICATIONS

Model Name	RDLR122-2GD
Reticle Type	2 MOA Green Dot
Brightness Settings	10 (2 Night Vision, 8 Daylight)
Battery Type	CR-2032
Battery Life	Up to 10,000 hours (on medium setting)

Motion Sensor	Shake 'N Wake (Auto On/Off)
Mounting Type	Picatinny Mount (Low Profile & Absolute Co-Witness included)
Waterproof Rating	Submersible 1 Meter for 30 minutes
Material	Aluminum Housing, Rubber (for some components)
Item Weight	11.1 Ounces
Dimensions (LxWxH)	3.25 x 3.75 x 5 inches (Item)
Compatible Devices	Handgun, Shotgun, Rifle

WARRANTY AND SUPPORT

Swampfox stands behind the quality of its products. For specific warranty details and to register your product, please visit the official Swampfox website or contact their customer support directly. Keep your proof of purchase for warranty claims. For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Swampfox Customer Service:

- **Website:** www.swampfoptics.com
- **Email:** Refer to the official website for contact information.
- **Phone:** Refer to the official website for contact information.

Please have your product model number (RDLR122-2GD) and purchase date ready when contacting support.

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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

Answered questions about this manual

How do I reset the Swampfox Liberator II Mini Dot Sight?

The Swampfox Liberator II does not have a dedicated "factory reset" button or software reset function. Depending on what you are trying to achieve, follow these steps: To Reset the Power/Electronics: Perform a hard reset...

[Read full answer](#)

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