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OLIGHT O-BALDRProR-BK#USVC

OLIGHT Baldr Pro R Instruction Manual

Model: O-BALDRProR-BK#USVC

1. Introduction

The OLIGHT Baldr Pro R is a state-of-the-art rechargeable tactical flashlight designed for optimal performance and versatility. It combines a powerful white light with a precise green laser beam, making it suitable for various tactical and outdoor applications. Its robust aluminum construction ensures durability, while the magnetic charging system offers convenience.

Figure 1: OLIGHT Baldr Pro R Tactical Flashlight.

Figure 2: High performance specifications of the Baldr Pro R.

The Baldr Pro R delivers a maximum output of 1350 lumens with a beam distance of up to 200 meters. The integrated green laser beam (<5mW) provides quick and accurate aiming capabilities for both day and night use. It features a new mode selector ring for easy switching between white light only, green beam only, or a combination of both.

2. Setup

2.1 Initial Use and Unlocking

The Baldr Pro R is shipped in lockout mode to prevent accidental activation during transit. For first use, you must exit the lockout mode.

- Press and hold both ambidextrous rear switches simultaneously for approximately 2 seconds.
- The device will access the high white light or GL beam, indicating it has exited lockout mode.

Figure 3: Unlocking the Baldr Pro R for initial use.

Video 1: Official Olight demonstration on how to unlock the Baldr Pro R from lockout mode.

2.2 Rail Mounting

The Baldr Pro R is compatible with both GL (Glock) and Picatinny (MIL-STD-1913) rails. It includes two types of rail adapters to ensure a secure fit for various setups.

- Identify the correct rail adapter (GL or 1913) for your firearm.
- Utilize the quick-install system to easily attach and detach the light.

Figure 4: Included rail adapters for GL and Picatinny rails.

Figure 5: The quick-install system allows for rapid attachment and detachment.

2.3 Laser Zeroing

The green laser beam can be adjusted for precise aiming. Use the included H1.5 Allen wrench to calibrate the vertical and horizontal angles.

- Locate the two adjustment screws on the light.
- Insert the Allen wrench and turn the screws to fine-tune the laser's position.
- Test and adjust as needed to achieve accurate zeroing.

Figure 6: Adjusting the laser for vertical and horizontal calibration.

3. Operating Instructions

3.1 Ambidextrous Rear Switches

The Baldr Pro R features dual ambidextrous switches at the rear for easy activation by either hand.

- **Momentary-On/Constant-On:** Press either switch for momentary activation. Press and release quickly for constant-on.
- **Strobe Mode:** Quickly push both switches simultaneously to activate strobe mode.

Figure 7: Dual ambidextrous switches for easy operation.

3.2 Mode Selector Ring

A selector ring around the head of the light allows you to easily choose between different output modes.

- **White Light Only:** Rotate the ring to the white light icon.

- **Green Beam Only:** Rotate the ring to the green beam icon.
- **White Light & Green Beam Combo:** Rotate the ring to the combined icon.

Figure 8: Easily switch between light and laser modes using the selector ring.

Video 2: Official Olight overview of the Baldr Pro R's features, including mode selection and performance.

4. Maintenance

4.1 Charging the Battery

The Baldr Pro R features a built-in 3.6V 1000mAh lithium polymer battery that is rechargeable via the magnetic charging cable (MCC 1A USB).

- Connect the magnetic charging cable to the charging port on the bottom of the light.
- The magnetic connection ensures easy and secure charging without removing the battery.
- A full charge typically takes approximately 90 minutes.

Figure 9: Magnetic charging port for convenient recharging.

4.2 General Care

To ensure the longevity and optimal performance of your Baldr Pro R, follow these general care guidelines:

- Keep the device clean and free from dirt and debris.
- Avoid exposing the device to extreme temperatures for prolonged periods.
- Store in a cool, dry place when not in use.
- The device is waterproof (IPX4 rated), but avoid prolonged submersion.

5. Troubleshooting

5.1 Light or Laser Not Functioning

If your Baldr Pro R is not functioning as expected, consider the following:

- **Check Lockout Mode:** Ensure the device is not in lockout mode. Press and hold both switches for 2 seconds to

exit.

- **Battery Level:** Verify the battery is sufficiently charged. Connect to the magnetic charging cable to check the indicator.
- **Mode Selection:** Confirm the mode selector ring is set to the desired output (white light, green beam, or combo).

5.2 Light Turns Off When Mounted (Potential Issue)

Some users have reported the light portion turning off when mounted on a firearm, while the laser remains active. This is an unusual behavior and may indicate a specific interaction with the firearm's material or rail system.

- **Verify Mounting:** Ensure the light is securely mounted and the rail adapter is correctly installed.
- **Test on Different Rails:** If possible, test the light on a different firearm or rail type (GL vs. Picatinny) to isolate the issue.
- **Contact Support:** If the issue persists, contact OLIGHT customer support for further assistance, as this may indicate a product defect or specific compatibility concern.

6. Specifications

Feature	Specification
Brand	OLIGHT
Model Name	O-BALDRProR-BK#USVC
White Brightness	1350 Lumens (Max)
Light Path Distance	200 Meters
Green Beam Output	<5mW (Class 3R)
Power Source	Battery Powered (Built-in 3.6V 1000mAh Lithium Polymer)
Runtime	1 hour and 33 minutes (Max)
Material	Aluminum
Water Resistance Level	Waterproof (IPX4)
Item Weight	4.32 ounces
Product Dimensions	3.74"D x 1.44"W x 1.34"H

7. Warranty & Support

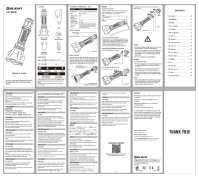
OLIGHT offers a comprehensive warranty for the Baldr Pro R.

- **Warranty Type:** Olight's 2 Year Warranty.
- **Lifetime Warranty:** For products purchased after January 1st, 2023.

For technical support, troubleshooting, or warranty claims, please visit the official OLIGHT website or contact their customer service directly.

You can also refer to the official User Manual (PDF) available online for more detailed information.User Manual (PDF)

Related Documents - O-BALDRProR-BK#USVC

	Olight Baldr S User Manual - Tactical Weaponlight with Green Laser Comprehensive user manual for the Olight Baldr S tactical weaponlight. Learn about its features including 800 lumens white LED, green laser, magnetic USB charging, and compatibility with 1913 and GL rails. Includes installation, operation, specifications, warnings, and warranty information.
	Olight Warrior X Turbo User Manual Comprehensive user manual for the Olight Warrior X Turbo flashlight, detailing specifications, operation, charging, safety warnings, and warranty information.
	Olight BALDR S BL User Manual - Tactical Weaponlight Instructions Comprehensive user manual for the Olight BALDR S BL tactical weaponlight, covering installation, operation, specifications, and safety guidelines. Learn how to use your BALDR S BL effectively.
	Olight Odin GL User Manual: Operation, Installation, and Safety Comprehensive user manual for the Olight Odin GL flashlight, detailing its features, operation, installation on Picatinny rails, charging instructions, and important safety precautions. Includes multilingual instructions.
	Olight Odin GL Mini User Manual: Operation, Specifications, and Safety Comprehensive user manual for the Olight Odin GL Mini flashlight, covering operation, specifications, charging, installation, safety warnings, and warranty information. Learn how to use and maintain your Odin GL Mini.
	Olight Odin GL Mini User Manual User manual for the Olight Odin GL Mini tactical flashlight, detailing its features, operation, charging, installation, and safety precautions. Includes information on light settings, tail switch operation, remote switch installation, and warranty.