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OLIGHT AM-OL-Baldr Pro-US

OLIGHT Baldr Pro Tactical Weaponlight User Manual

Model: AM-OL-Baldr Pro-US

INTRODUCTION

The OLIGHT Baldr Pro is a high-performance tactical weaponlight designed for precision and reliability. It integrates a powerful white LED light with a green laser, offering versatile illumination and targeting options for various tactical applications. This manual provides essential information for the safe and effective use, installation, and maintenance of your Baldr Pro weaponlight.

Key features include a maximum output of 1,350 lumens, a beam distance of up to 260 meters, and compatibility with both GL and Picatinny rails. It is built with durable aluminum and is waterproof for robust performance in diverse conditions.



Image: The OLIGHT Baldr Pro Tactical Weaponlight, showcasing its integrated white light and green laser.

SETUP

1. Initial Activation (Deactivating Lockout Mode)

Upon first use, the Baldr Pro ships in lockout mode. To deactivate lockout mode and access full functionality, press and hold both side buttons simultaneously for more than two seconds. In lockout mode, the laser will not activate, and the light will only emit a dull beam.

2. Battery Installation

The Baldr Pro requires two Lithium Ion batteries (included). Ensure the total length of the compatible battery does not exceed 34.12 mm.

1. Open the tailcap by pulling up on the spring lock.
2. Remove the insulating film from the battery compartment.
3. Insert the batteries into the body, ensuring correct polarity according to the positive and negative marks.
4. Hold the tailcap firmly and close the spring lock to secure it.



Image: Instructions for removing the insulating film before first use.

BEFORE FIRST USE

Please open the tailcap as shown in the picture. Remove the insulating film and close the tailcap.

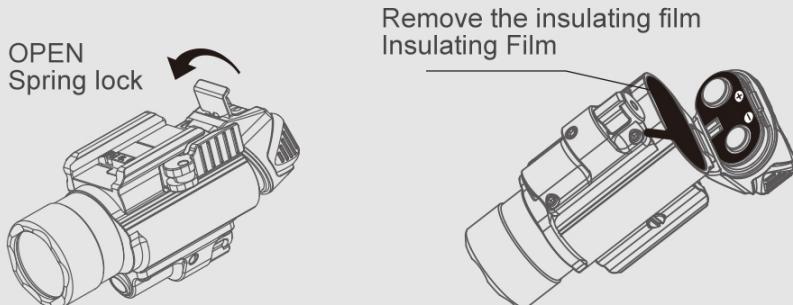


Image: Detailed diagram illustrating the correct battery installation process.

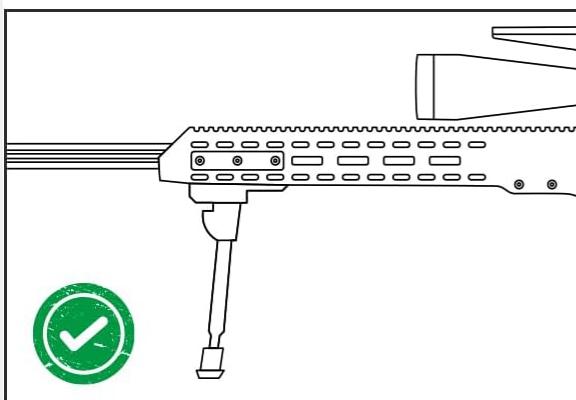
3. Light Installation (Rail Mounting)

The Baldr Pro is compatible with both GL (installed) and Picatinny (included) rails. Ensure your firearm has sufficient installation space (no less than 1.771 inches from slot to guard).

1. Select the appropriate rail adapter (GL or Picatinny) for your firearm. The GL rail adapter is pre-installed, and the Picatinny (Mil-std-1913) rail mount is included in the package.
2. Open the swing arm on the weaponlight.
3. Align the weaponlight with the rail on your firearm, ensuring the rail insert fits securely into the rail notch without any movement.
4. Close the swing arm once aligned. The swing arm makes the connection tighter, preventing loosening during use.
5. Use the included T6/T8 socket head wrench to adjust the screws for a secure fit.

FITS

Rail Space (from Slot to Guard) ≥ 1.771 inch

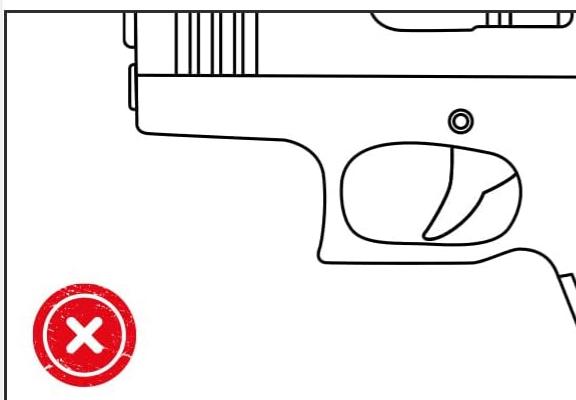


Picatinny

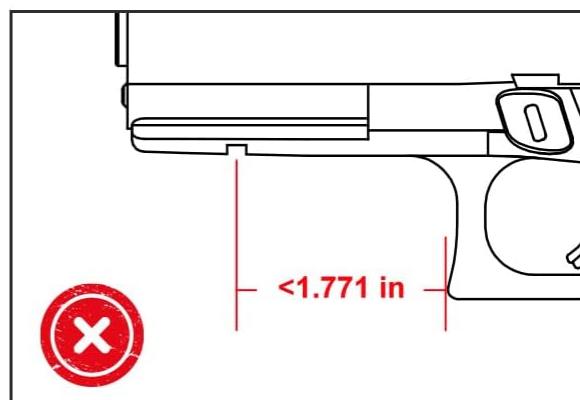


Picatinny with One-Slot or Multi-Slots

WON'T FIT



No Rail/ No Picatinny/ No Slot



No Enough Space

Image: Visual guide indicating compatible and incompatible rail types for the Baldr Pro.

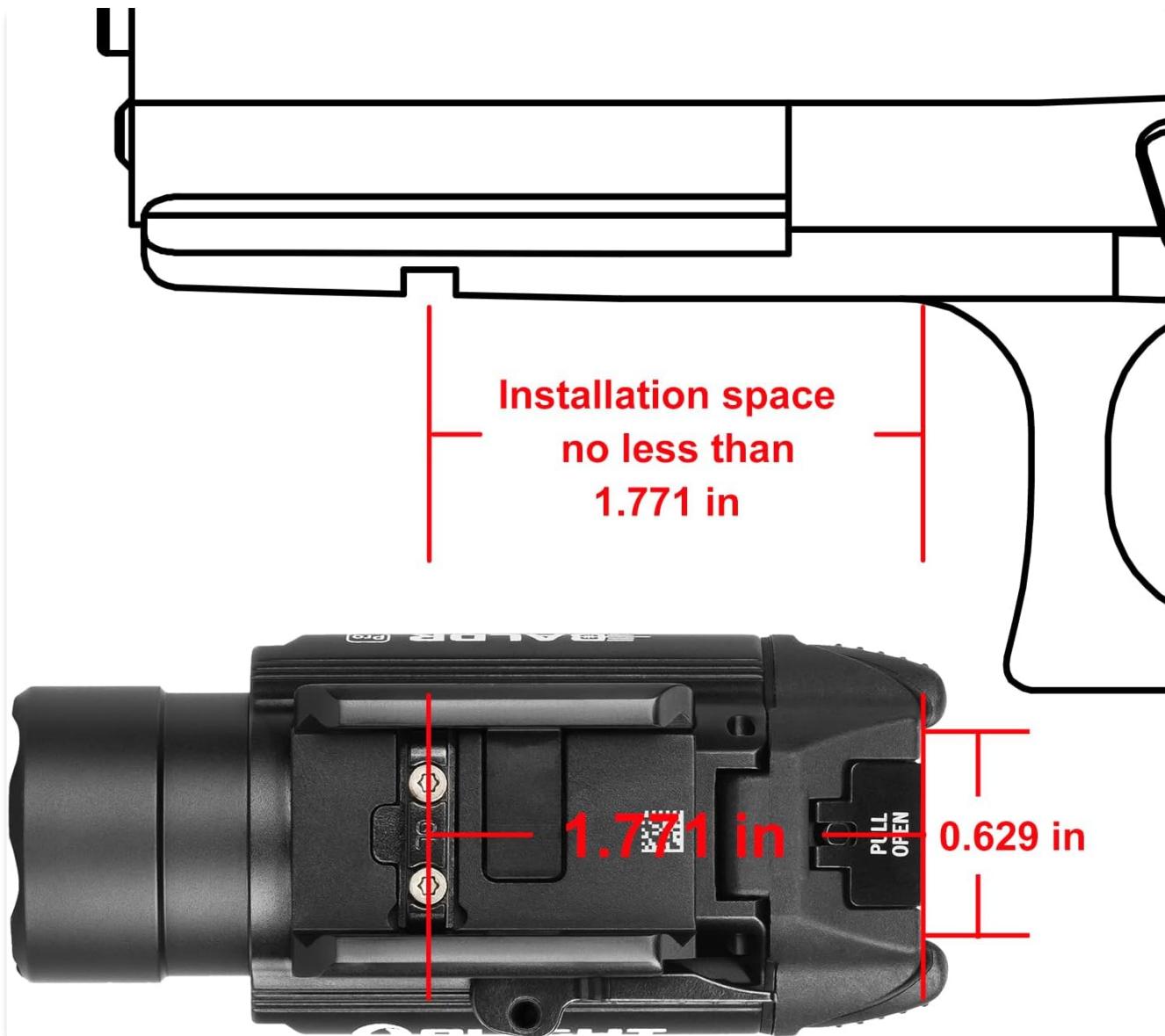


Image: Measurement diagram illustrating the minimum required installation space on a firearm rail.

EASILY NOTICEABLE BOTH DAY AND NIGHT

Accurate. Keep on zero



Image: Close-up of the GL and Picatinny rail adapters, highlighting their compatibility.

BLACK TACTICAL FINISH

The ideal choice to perfectly match your setup.



Image: Illustration of the quick attach and one-hand lock mechanism using the swing arm.

OPERATING INSTRUCTIONS

1. Mode Selection

The Baldr Pro features a mode selection switch (a small rotating tab on the bottom) that allows you to choose between different output combinations:

- **White Light Only:** Provides powerful illumination without the laser.
- **Green Beam Only:** Activates the green laser for precise targeting.
- **White Light & Green Beam:** Combines both light and laser for comprehensive targeting and illumination.



QUICKLY ATTACH

Attach and release in seconds with our innovative rail-mounted system and side swing arm.

LOCK WITH ONE HAND

The swing arm makes the connection tighter which prevents the light falling off when using.

Image: The toggle switch for selecting white light only, green beam only, or both.

2. Light Activation

The Baldr Pro offers multiple activation methods via its ambidextrous controls:

- **Constant-On:** Push either side switch to activate the selected mode continuously.
- **Momentary-On:** Push and hold either side switch for momentary activation. Release to turn off.
- **Strobe:** Push both side switches simultaneously to activate strobe mode. Push both again to deactivate.



Image: Visual representation of how to activate constant-on, momentary-on, and strobe functions.

MAINTENANCE

To ensure the longevity and optimal performance of your OLIGHT Baldr Pro, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the lens and body with a soft, clean cloth. Avoid using abrasive materials or harsh chemicals that could damage the finish or optical components.

- **Battery Care:** When not in use for extended periods, remove the batteries to prevent leakage and corrosion. Store batteries in a cool, dry place.
- **Lubrication:** Periodically apply a thin layer of silicone grease to the O-rings to maintain waterproof integrity.
- **Storage:** Store the weaponlight in a dry environment, away from extreme temperatures and direct sunlight.

TROUBLESHOOTING

If you encounter issues with your Baldr Pro, refer to the following common troubleshooting steps:

- **Light/Laser Not Activating:**

- Check if the device is in lockout mode. Deactivate by holding both side buttons for over 2 seconds.
- Ensure batteries are correctly installed with proper polarity.
- Verify batteries have sufficient charge. Replace if necessary.
- Clean battery contacts if they appear dirty.

- **Dim Light Output:**

- This may indicate low battery power. Replace or recharge batteries.
- Ensure the lens is clean and free from obstructions.

- **Loose Mounting:**

- Tighten the rail screws using the provided T6/T8 socket head wrench.
- Ensure the swing arm is fully closed and secured.

For further assistance, please refer to the official user manual PDF or contact OLIGHT customer support.

[Download Official User Manual \(PDF\)](#)

SPECIFICATIONS

Feature	Detail
Brand	OLIGHT
Model Number	AM-OL-Baldr Pro-US
White Brightness	1350 Lumens
Light Path Distance	260 Meters
Green Light Output	<5mW (Class 3R)
Green Light Wavelength	510~530 nm
Power Source	Battery Powered
Battery Type	2 Lithium Ion batteries (included)
Material	Aluminum (anti-scratch type-III hard anodized finish)

Feature	Detail
Color	Black
Product Dimensions	1.44"D x 3.3"W x 1.75"H
Item Weight	4.6 Ounces
Water Resistance Level	Waterproof (IPX4)
Mounting Type	Rail Mount (GL and Picatinny compatible)
Included Components	Rail Screw x 2; Adjustable screw x 2; Battery; User Manual x 1; Picatinny (Mil-std-1913) Rail Mount x 1; T6/T8 Socket Head Wrench x 1;

Compatible Builds											
GL	SIG SAUER		FN	BERETTA	CANIK	WALTHER	SMITH & WESSON	CZ	SPRINGFIELD	SHADOW SYSTEMS	OTHERS
G17	1911 EMPEROR SCORPION	P320 RXP	FN 509	92 A1	METE SFT PRO	CCP	M&P 9 M2.0	P-01	1911 DS PRODIGY AOS 9MM	MR920	STEYR A2 MF RUGER AMERICAN DUTY 8605
G17 GEN 4	P220	P320 SPECTRE	FN 510	92X COMPACT W/RAIL	TP9 ELITE COMBAT EXECUTIVE	P22	M&P 40 M2.0	P-07	1911 EMISSARY .45 ACP	MRL920	STEYR M9 A1 RUGER SECURITY-9
G19	P226 MK25	P320 VTAC	FN 545	92X PERFORMANCE	TP9 SF ELITE	PDP	M&P 45 M2.0	P-09	1911 OPERATOR .45 ACP	XR920	TAURUS 1911 W/RAIL RUGER-5.7
G19 X	P226 XFINE	P320 TEN	FN FIVE -SEVEN MRD	92X RDO COMPACT	TP9SA MOD.2	PK380	M&P 10MM M2.0	P-10 C	ECHELON 9MM	DR920	TAURUS G3 IWL JERICHO 941 PL9
G20	P226	P320	FN FNX	92X SAO	TP9SFX WITEOUT	PPQ M1	M&P 22 COMPACT	P-10 F	XD SERIES	DRL	TAURUS TH IWI JERICHO ENHANCED
G22	P227	P322	FNS-40	APX A1 FULL SIZE TACTICAL	TP9 SFX	PPQ	M&P 22 MAGNUM	75 SP-01	XD-M ELITE 9MM	DRP	TAURUS TX 22 IWI MASADA
G23	P229	XFINE LEGION		M9A4 CENTURION	METE SFT	WMP	M&P 5.7				TAURUS PT809 PSA DAGGER FULL SIZE
G25	P320 AXG COMBAT			PX4 STORM		PDP 5" COMPACT	SD9 VE				KEL-TEC P50 HK VP9
G32	P320 DH3			M9A3			M&P 2.0				KEL-TEC PMR30 H&K HK45
G44	P320 M18										KIMBER-DESERT WARRIOR H&K P30
G45	P320 MAX										KIMBER KHX CUSTOM/RL H&K VP9 TAC
G30S											

The Baldr Pro also works with long set-ups with Picatinny (MIL-STD-1913) rails. Welcome to share with us any additional models. Thank you!

Image: Detailed output specifications including lumens, beam distance, and runtimes for different modes.

WARRANTY AND SUPPORT

OLIGHT offers a Lifetime Warranty for products purchased after January 1st, 2023. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or additional product information, please visit the official OLIGHT website or contact their customer service directly. You can also refer to the comprehensive [User Manual \(PDF\)](#) for detailed instructions and support.

Visit the [OLIGHT Store on Amazon](#) for more products and information.