

[Manuals.plus](#) /

> [XYH-Win](#) /

> XYH-Win 1000 Lumens Tactical Laser Light Combo (Model BL50) User Manual

XYH-Win BL50

XYH-Win 1000 Lumens Tactical Laser Light Combo (Model BL50) User Manual

Comprehensive instructions for setup, operation, and maintenance.

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your XYH-Win 1000 Lumens Tactical Laser Light Combo, Model BL50. This device integrates a high-output LED flashlight with a blue laser, designed for enhanced visibility and target acquisition in low-light conditions. Please read this manual thoroughly before operation and retain it for future reference.

2. SAFETY INFORMATION

WARNING: Laser Radiation. Avoid direct eye exposure. Class III Laser Product (<5mW).

- Never look directly into the laser beam or flashlight.
- Do not point the laser at aircraft, vehicles, or people.
- Ensure the device is securely mounted before use.
- Keep out of reach of children.
- Use only the provided charging cable.
- Do not attempt to disassemble or modify the device.
- Operate in accordance with all local and federal laws and regulations.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Laser Flashlight Combo (Model BL50)
- 1 x Charging Cable
- 1 x User Manual (this document)

- 2 x Allen Wrench

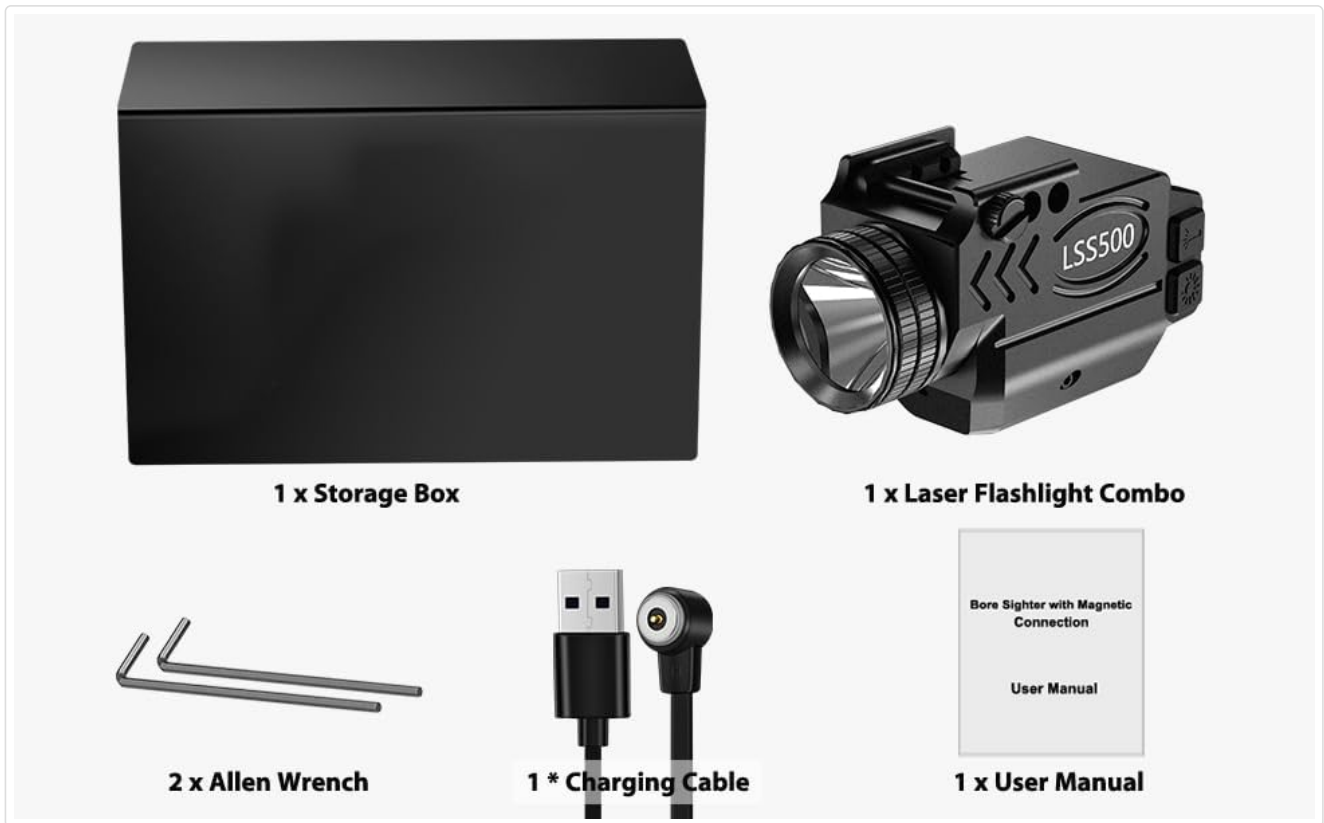


Figure 3.1: Package Contents

4. PRODUCT OVERVIEW

The XYH-Win BL50 combines a powerful 1000-lumen LED flashlight with a precise blue laser. It features a durable aluminum construction, magnetic USB charging, and multiple operating modes.



Figure 4.1: XYH-Win BL50 Device

MAX 1000 LUMENS

1000 Lumens LED Light & Blue Laser



1000 Lumens



**2 hours
Rechargeable**



60 Minutes



IPX6

Figure 4.2: Key Features Overview

Durability & Reliability



IPX6



Aluminum Alloy



**Collision
Avoidance Test**



**Corrosion
Resistance**

Figure 4.3: Durability Features

5. SETUP

5.1 Charging the Device

1. Locate the magnetic charging port on the device.
2. Connect the provided magnetic USB charging cable to the port.
3. Connect the other end of the USB cable to a standard USB power source (e.g., wall adapter, computer USB port).
4. The charging indicator lamp will illuminate (typically red) to show charging in progress.
5. Once fully charged, the indicator light will change (e.g., turn green or off).

Multiple Modes Freely Matched

with Blue laser and white LED combo

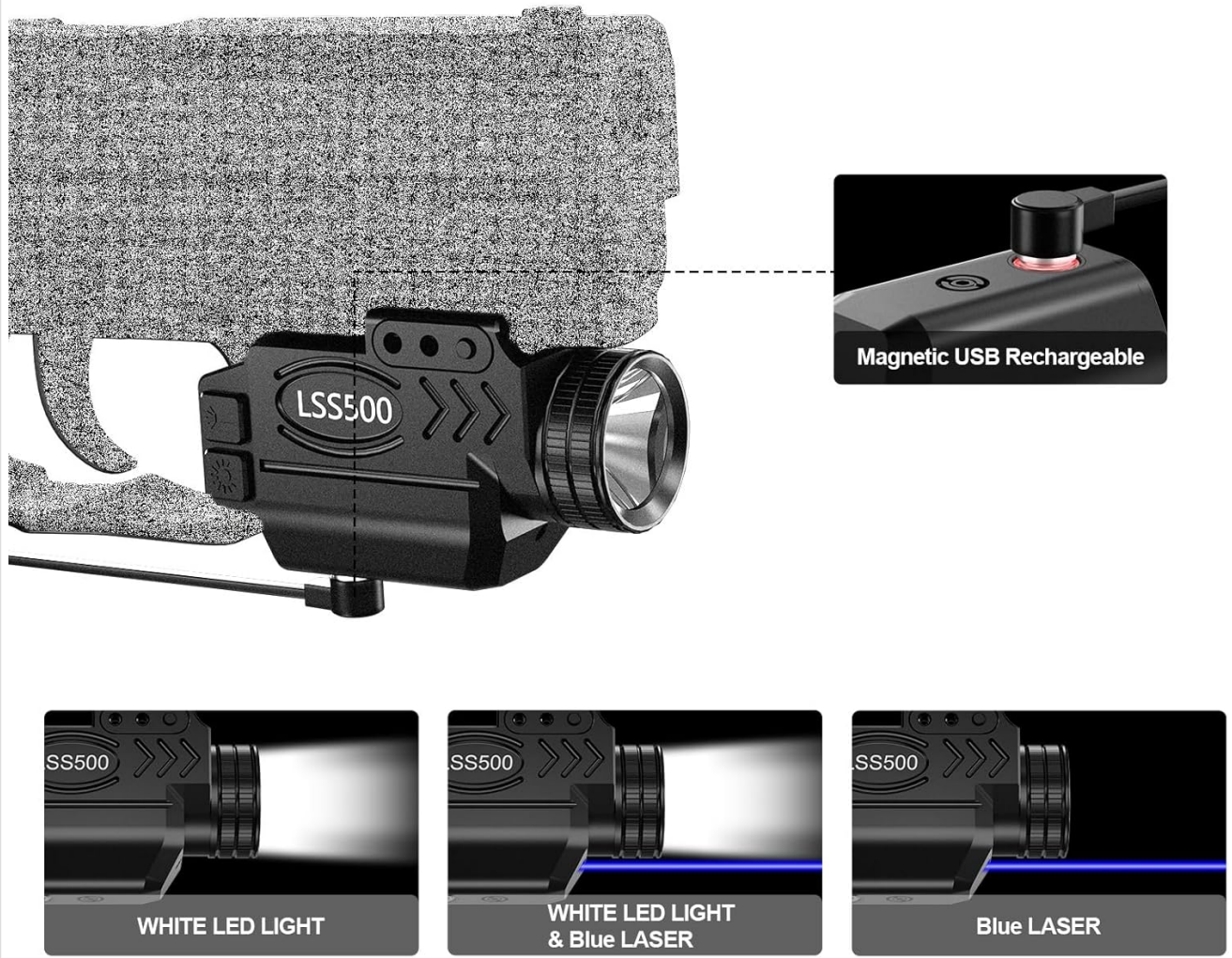


Figure 5.1: Magnetic USB Charging

5.2 Rail Installation

The BL50 is designed for tool-less installation on standard M1913 Picatinny and Weaver-style rails.

1. Ensure the host device is unloaded and safe.
2. Loosen the rail clamp screw on the BL50.
3. Align the rail clamp with the rail slot on your firearm.
4. Slide the BL50 onto the rail until it is fully seated.
5. Tighten the rail clamp screw firmly by hand. No additional tools are typically required for initial installation.
6. **Important:** Ensure your pistol's rail-to-trigger guard distance exceeds 1.06 inches before purchase and installation.

5.3 Laser Zeroing (Adjustment)

The laser may require adjustment to align with your point of impact. Use the provided Allen wrenches for this procedure.

1. Identify the windage (horizontal) and elevation (vertical) adjustment screws on the device.
2. Using the appropriate Allen wrench, make small adjustments.

3. **Windage Adjustment:** Turning the screw clockwise or counter-clockwise will move the laser dot horizontally.
4. **Elevation Adjustment:** Turning the screw clockwise or counter-clockwise will move the laser dot vertically.
5. Test the laser alignment at a safe range and adjust as necessary until the laser dot coincides with your point of impact.

6. OPERATING INSTRUCTIONS

The BL50 features dedicated tactile buttons for easy mode selection.

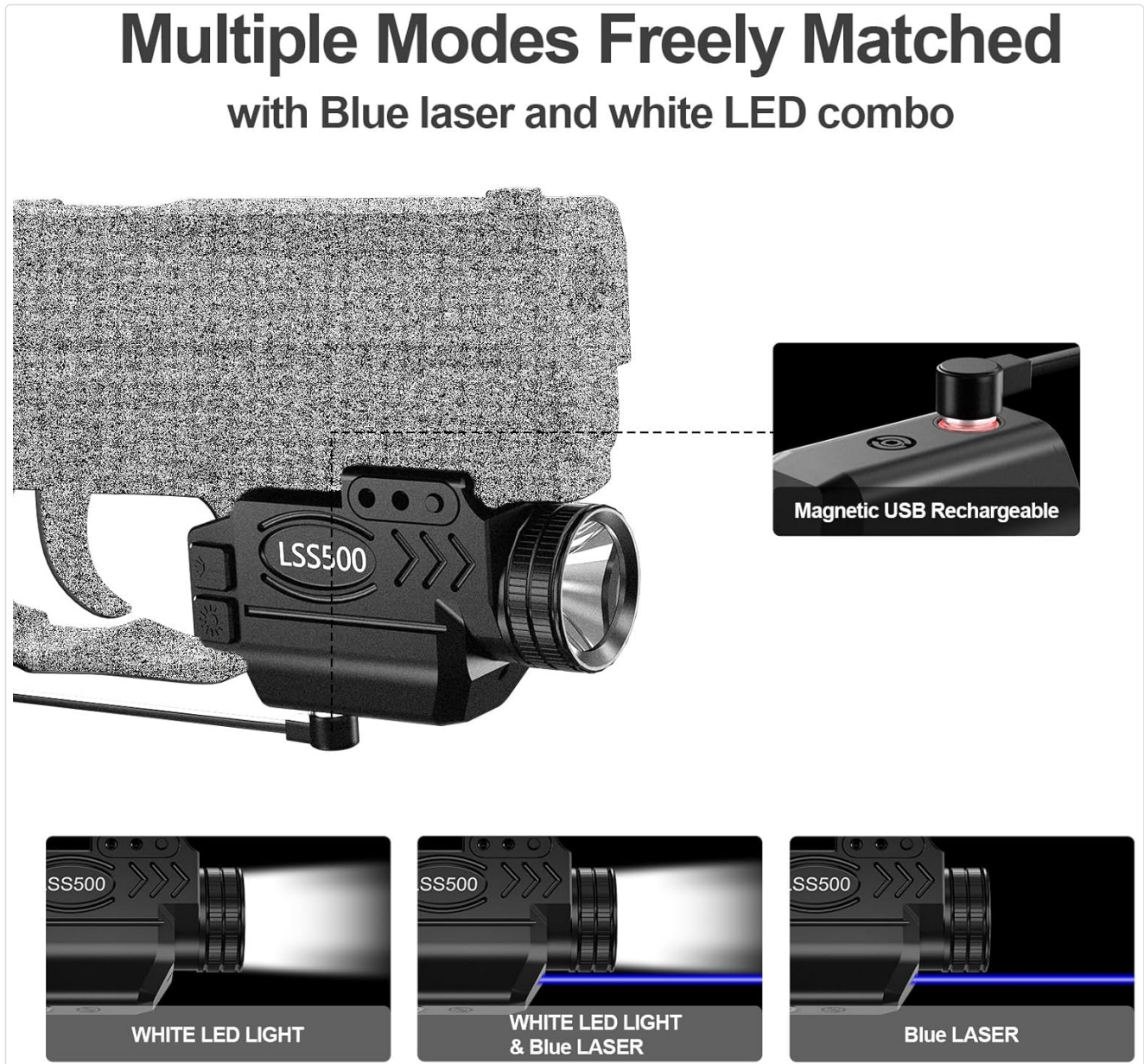


Figure 6.1: Multiple Operating Modes

6.1 Power On/Off and Mode Selection

- **White Light Only:** Press the designated flashlight button once for constant-on. Press again to turn off.
- **Blue Laser Only:** Press the designated laser button once for constant-on. Press again to turn off.
- **White Light and Blue Laser Combo:** Activate both the flashlight and laser independently.
- **Momentary-On:** Press and hold either the flashlight or laser button for momentary activation. Release to turn off.
- **Strobe Function:** Double-press the flashlight button quickly to activate the strobe mode. Double-press again to turn off strobe and return to constant-on or off.

The tactile buttons allow for quick and intuitive switching between modes, even in high-stress situations.

7. MAINTENANCE

7.1 Cleaning

- Ensure the device is powered off before cleaning.
- Wipe the exterior with a soft, damp cloth.
- For the lens and laser aperture, use a lens cleaning cloth and solution to avoid scratches.
- Do not use abrasive cleaners or solvents.

7.2 Battery Care

- Recharge the device when the battery indicator shows low power.
- Avoid fully depleting the battery frequently to prolong its lifespan.
- Store the device in a cool, dry place when not in use.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low battery.	Charge the device using the provided USB cable.
Laser beam is dim or flickering.	Low battery; dirty laser aperture.	Recharge the device. Clean the laser aperture.
Flashlight is dim.	Low battery; dirty lens.	Recharge the device. Clean the flashlight lens.
Device does not mount securely.	Rail clamp not tightened; incompatible rail.	Ensure clamp screw is fully tightened. Verify rail compatibility (Picatinny/Weaver, >1.06" rail-to-trigger guard).
Laser not accurate.	Laser not zeroed; device not securely mounted.	Perform laser zeroing procedure. Ensure device is tightly mounted.

9. SPECIFICATIONS

Model Number	BL50
Brand	XYH-Win
Light Output (Flashlight)	1000 Lumens
Light Source Type	LED (Flashlight), Class III Blue Laser (<5mW)
Material	Aluminum
Power Source	Battery Powered (Lithium-Ion Polymer)
Charging	Magnetic USB Rechargeable
Water Resistance Level	IPX6 (Water Resistant)

Product Dimensions	2.67"D x 1.18"W x 1.08"H
Item Weight	5.6 ounces
Mounting Type	Picatinny Mount (M1913 Picatinny and Weaver-style rails)
Special Features	Durable, High Power, Mountable, Rechargeable, Weatherproof, Strobe Function

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the seller's policies or contact XYH-Win customer service through the platform of purchase. Please have your model number (BL50) and purchase date available when contacting support.

This product is designed for reliability and performance. Should you encounter any issues not covered in the troubleshooting section, please reach out for assistance.

