

LIMA1™

WEAPON MOUNTED LASER SIGHT

OWNERS MANUAL



Please visit sigsauer.com for Owners Manual downloads.

INTRODUCTION

The LIMA1™ Laser Sight provides intuitive and accurate target acquisition resulting in the ideal rail-mounted sighting solution for pistols, rifles, carbines and shotguns. The LIMA1™ can be mounted on all M1913 Picatinny rails as well as all SIG Sauer proprietary pistol rails.

The LIMA1™ is covered by the SIG SAUER Electro-Optics Electronics & Tritium Component Limited 5-Year Warranty.

CONTENTS:

- LIMA1™ Laser Sight
- T10 TORX/1.5mm Hex/Flat Head Multi-Tool
- CR 1/3N Battery
- (2) Cotton Swabs
- Class 3R Warning Labels
- Owners Manual

KEY FEATURES:

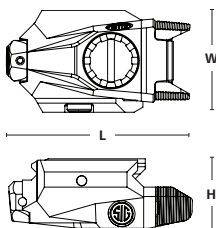
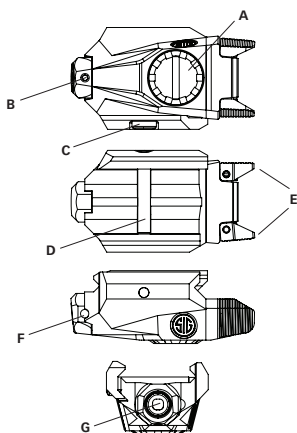
- Compact & lightweight laser sight
- Easy activation with ambidextrous switches
- Windage and elevation adjustments
- Compatible with any M1913 or SIG SAUER® rail

IMPORTANT:

Prior to installation, battery change, adjustment, cleaning or maintenance of your LIMA1™, ensure that the firearm is unloaded and pointed in a safe direction.

PRODUCT IDENTIFICATION:

- A – Battery Cap
- B – Elevation Adjustment Screw
- C – Cross Bolt Torx Head
- D – Cross Bolt
- E – Activation Switches
- F – Windage Adjustment Screw
- G – Laser Aperture



LIMA1™ SPECIFICATIONS	
Dimensions	2.1" L x 1.2" W x 0.9" H
Weight (w/out battery)	1.3 oz
Laser Wavelength	Red 650 nm; Green 515 nm
Laser Class	IEC Class 3R Visible Laser
Laser Output Power	< 5mW
Battery	CR 1/3N Lithium
Runtime (Steady)	Red > 4 hours; Green > 2 hour
Activation Switch Type	Momentary or Constant On



INSTALLATION:

1. Insert the T10 TORX bit of the adjustment tool into the cross bolt Torx head and loosen the LIMA1 cross bolt enough to allow the rail clamp and keeper to fit completely over the firearm rail. Place the cross bolt into the preferred rail slot.
2. While pushing the LIMA1 forward (toward the firearm muzzle), use the T10 TORX bit of the adjustment tool to tighten the cross bolt head until hand tight.
3. Using the flat screwdriver bit of the adjustment tool, unscrew the battery cap and remove the small black rubber battery carrier.
4. Place a CR1/3N battery inside the battery carrier, with the 2 open loops of the carrier at the positive (+) end (Fig 1).
5. Insert the battery and carrier into the LIMA1 housing, positive (+) end facing out. There are 2 slots on the inside walls of the battery compartment, to allow the battery carrier to slip easily into the compartment. The carrier must be aligned with these 2 slots. The purpose of the battery carrier is to make battery removal easier.
6. Using the flat screwdriver bit of the adjustment tool, tighten the battery cap until hand tight.

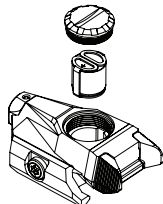


Figure 1

OPERATION:

The LIMA1 has 2 modes of operation – LATCHING (constantly on) and MOMENTARY. To activate latching mode, press and release either activation switch within 1 second. Another press of either activation switch will turn the laser off. To activate momentary mode, press and hold either activation switch for over 1 second. In momentary mode, the laser will stay on as long as you keep pressing the activation switch and will turn off when you release the switch.

ALIGNING THE LASER

1. Verify initial alignment by comparing the laser aiming point to the firearm iron sights at a 10-yard target distance. The laser aiming point should be located slightly above the front iron sight.
2. To make adjustments, insert the 1.5mm hex bit of the adjustment tool into either the windage adjustment port or the elevation adjustment port and slowly rotate the adjustment tool while comparing the laser aiming point to the firearm iron sight alignment. Important: Do not force the adjustment screws beyond their limits of travel, and do not back the elevation screw out any further than flush with the LIMA1 housing. Doing so may result in damage to the laser, not covered under warranty.
3. Windage Adjustment: with firearm unloaded, chamber clear and muzzle pointing downrange insert adjustment tool into windage port. A clockwise rotation will shift laser aiming point to the right. A counterclockwise rotation will shift laser aiming point to the left.
4. Elevation Adjustment: with firearm unloaded, chamber clear and muzzle pointing downrange insert adjustment tool into elevation port. A clockwise rotation will shift laser aiming point up. A counterclockwise rotation will shift laser aiming point down.
5. Verify laser alignment by shooting a target and making additional adjustments as required.

NOTE: The laser may experience slight alignment shift after firing for the first time. Recheck alignment after the first use and readjust as necessary.

BATTERY REPLACEMENT

1. Using the flat screwdriver bit of the adjustment tool, unscrew the battery cap.
2. Use the open loops of the battery carrier to help pull the battery from the housing. If the battery carrier is lost, needle nose pliers can be used to gently pull the old battery out of the housing.
3. Place a fresh CR1/3N battery inside the battery carrier, with the 2 open loops of the carrier at the positive (+) end (Fig 1).
4. Insert the battery and carrier into the LIMA1 housing, positive (+) end facing out (Fig 1). There are 2 slots on the inside walls of the battery compartment, to allow the battery carrier to slip easily into the compartment. The carrier must be aligned with these 2 slots.
5. Using the flat screwdriver bit of the adjustment tool, tighten the battery cap until hand tight.

CLEANING & MAINTENANCE

After repeated fire, the small lens in front of the laser may become clouded with gunpowder residue. For best results, it is recommended that this area be cleaned, along with the firearm, after each use. To clean the lens, follow these steps:

1. Keep firearm pointed in a safe direction
2. Ensure firearm is unloaded
3. Confirm laser is off
4. Dampen the end of a cotton swab with isopropyl alcohol
5. Apply dampened swab to lens and polish in a small circular pattern. Be sure to clean around the lens edge

Firearm should be cleaned and lubricated exactly as directed in your firearm owner's manual. The LIMA1™ laser sight should never be submerged or flushed with cleaning solvents.

REMINDER: Pointing a laser beam at some objects such as watercraft, aircraft, moving vehicles and construction equipment may be illegal. Check local/federal laws and follow them accordingly.

⚠ DANGER: Laser radiation is emitted from the front aperture of this device when the activation switch is depressed.

⚠ WARNING: Avoid direct eye exposure to laser beam.

⚠ WARNING: CANCER AND REPRODUCTIVE HARM – www.P65Warnings.ca.gov

NOTICE: The FDA requires warning labels to be affixed to firearm. Attach **Label 1** pointing towards laser aperture. Attach **Label 2** to exterior of firearm.



Label 1



Label 2



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Customers seeking warranty coverage must first obtain a Return Merchandise Authorization (RMA) by contacting SIG SAUER Customer Service, and return the product unloaded and freight prepaid.

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FOR PRODUCT SERVICE ON THIS MODEL,

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