Streamlight 88129

Streamlight ProTac Rail Mount HL-X Pro USB Long Gun Light Instruction Manual

Model: 88129 | Brand: Streamlight

1. INTRODUCTION AND OVERVIEW

The Streamlight ProTac Rail Mount HL-X Pro is a high-performance, multi-fuel long gun light designed for tactical and outdoor applications. It features a robust construction, versatile power options, and user-friendly controls, making it an essential tool for various lighting needs.

Figure 1: Streamlight ProTac Rail Mount HL-X Pro USB Long Gun Light.

Key Features:

- **High Output:** 1000 Lumens, 50,000 candela with a beam of 447 meters.

- **Extended Runtime:** Runs 1.25 hours with CR123A batteries or 1.75 hours with SL-B26 USB battery on high setting. Low setting provides 60 lumens, 3,100 candela, 111 meters beam, and runs 21 hours with CR123A or 24 hours with SL-B26.
- **Strobe Functionality:** For signaling or disorienting; runs 2.5 hours with CR123A or 3.5 hours with SL-B26.
- **Jack-Cap Tail Switch:** Provides operational switch redundancy with both a push-button and a port for a remote pressure switch.
- **TEN-TAP Programming:** Allows user selection of three different operating programs.
- **Mounting Versatility:** Integrated rail clamps for MIL-STD 1913 rails and M-LOK compatible rail systems with a one-handed snap-on and tighten feature.
- **Multi-Fuel Capability:** Can use either 2 CR123A lithium batteries or Streamlight's SL-B26 Rechargeable USB Battery.

2. SETUP

2.1 Battery Installation

The ProTac Rail Mount HL-X Pro is designed for multi-fuel operation, accepting either one Streamlight SL-B26 Li-ion rechargeable battery pack or two CR123A lithium batteries.

1. Unscrew the tail cap of the light by rotating it counter-clockwise.
2. Insert the battery(ies) with the positive (+) end facing towards the head of the light.
3. Screw the tail cap back on by rotating it clockwise until it is fully tightened.

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Video 1: This video demonstrates the multi-fuel capability of the Streamlight ProTac Rail Mount HL-X Pro, showing how to install both the SL-B26 rechargeable battery and CR123A batteries.

2.2 Mounting the Light

The light comes with integrated rail clamps for easy attachment to MIL-STD 1913 Picatinny rails and is compatible with M-LOK rail systems using the included M-LOK kit.

1. Identify the desired mounting position on your rail system.
2. Align the light's rail clamp with the rail.
3. Use the thumbscrew to tighten the clamp securely onto the rail. For M-LOK systems, attach the M-LOK adapter first using the provided tool, then mount the light.

HIGH CANDELA, MULTI-FUEL LONG GUN LIGHT

Push-button tail switch and remote pressure switch with latching button and momentary pad

Figure 2: The ProTac Rail Mount HL-X Pro securely mounted on a long gun rail system, demonstrating its low-profile design.

3. OPERATING INSTRUCTIONS

3.1 Jack-Cap Tail Switch Operation

The unique Jack-Cap tail switch provides operational redundancy, allowing control via a push-button or a remote pressure switch.

- **Push-Button Operation:** Press the button on the tail cap for momentary activation. Press fully until it clicks for constant on. Press again to turn off.
- **Remote Pressure Switch Operation:** Connect a compatible remote pressure switch to the port on the Jack-Cap. The remote switch typically provides momentary activation.

Figure 3: Detailed view of the Jack-Cap tail switch, highlighting the push-button and the remote pressure switch port for versatile control.

3.2 TEN-TAP Programming

The ProTac Rail Mount HL-X Pro features TEN-TAP Programming, allowing you to select one of three user-selectable programs:

- **Program 1 (Factory Default):** High / Strobe / Low
- **Program 2:** High Only
- **Program 3:** Low / High

To change programs:

1. Ensure the light is in the "Off" position.
2. Tap the switch rapidly 9 times (within 0.4 seconds per tap) and hold it down on the 10th tap.
3. The light will flash to indicate the current program number (1, 2, or 3 flashes).
4. Continue holding the switch until the light turns off. Release the switch.
5. The light is now set to the next program in the sequence. Repeat the process to cycle through programs.

4. Maintenance

4.1 Battery Charging (SL-B26 USB Battery)

If using the SL-B26 USB rechargeable battery, charge it regularly to ensure optimal performance.

1. Remove the SL-B26 battery from the light.
2. Connect the included 40" USB cord to the battery's charging port and to a USB power source.
3. The battery's indicator light will show charging status (e.g., red for charging, green for fully charged).

4.2 Cleaning and Care

- Clean the lens with a soft, clean cloth. Avoid abrasive materials.

- Periodically clean and lubricate the O-rings and threads with silicone grease to maintain water resistance.
- Keep battery contacts clean to ensure reliable operation.

4.3 Water Resistance

The ProTac Rail Mount HL-X Pro is designed with varying levels of water resistance:

- **IP54-rated:** Water-resistant when a remote pressure switch is installed.
- **IP67-rated:** Waterproof when used without a remote pressure switch (i.e., with the standard Jack-Cap tail switch only).

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on or flickers.	Low or dead battery. Loose tail cap. Dirty battery contacts. Incorrect battery orientation.	Charge or replace battery. Ensure tail cap is fully tightened. Clean battery contacts with a clean cloth. Verify correct battery polarity.
Light output is dim.	Low battery. Dirty lens.	Charge or replace battery. Clean the lens.
Remote pressure switch not working.	Not properly connected. Faulty switch.	Ensure secure connection to the Jack-Cap port. Test with push-button; if light works, remote switch may need replacement.

6. SPECIFICATIONS

Feature	Detail
Model Number	88129
Light Source Type	LED
White Brightness	1000 Lumens (High)
Candela	50,000 Candela (High)
Beam Distance	447 Meters (High)
Power Source	Battery Powered (SL-B26 USB Battery or 2 CR123A)
Battery Cell Composition	Lithium Ion
Runtime (High)	1.75 hours (SL-B26), 1.25 hours (CR123A)
Material	Anodized Aluminum
Color	Black

Feature	Detail
Product Dimensions	5.43"D x 1.45"W x 1.72"H
Item Weight	7.2 ounces
Water Resistance Level	IP54 (with remote switch), IP67 (without remote switch)
Included Components	Jack-Cap Tail Switch, 1 SL-B26 USB Battery Pack, 40" USB Cord, 2.5 mm Allen wrench, M-Lok Kit

Figure 4: Visual representation of the light's dimensions and key performance metrics.

7. WARRANTY

Streamlight offers a Limited Lifetime Warranty for the ProTac Rail Mount HL-X Pro. This warranty covers defects in material and workmanship for the life of the product, excluding batteries, abuse, and normal wear and tear. For full warranty details and claims, please refer to the official Streamlight website or contact their customer service.

8. SUPPORT

For additional support, technical assistance, or to purchase accessories, please visit the official Streamlight website or contact their customer service department. Always refer to the latest information provided by the manufacturer for the most accurate and up-to-date support resources.

Streamlight Official Website: www.streamlight.com

Related Documents - 88129

	Streamlight ProTac Rail Mount Pro Series Operating Instructions Comprehensive operating instructions for the Streamlight ProTac Rail Mount Pro Series tactical flashlight, covering safety, battery installation and charging, mounting procedures for MIL-STD-1913 and M-LOK rails, general operation, maintenance, product use, warranty, and service options.
	Streamlight ProTac Rail Mount HL-X Pro Operating Instructions and Safety Guide Comprehensive operating instructions, safety guidelines, and maintenance information for the Streamlight ProTac Rail Mount HL-X Pro tactical flashlight.
	Streamlight ProTac HL 5-X USB Operating Instructions Comprehensive operating instructions for the Streamlight ProTac HL 5-X USB tactical flashlight, covering battery installation, charging, modes, safety warnings, maintenance, warranty, and service information.
	Streamlight ProTac HL-X & HP-X Tactical Flashlight Operating Instructions Official operating instructions for Streamlight ProTac HL-X and ProTac HP-X tactical flashlights. Covers safety, battery charging and installation, operation modes, maintenance, and warranty information.
	Streamlight ProTac HL 5-X USB Tactical Flashlight Operating Instructions Official operating instructions for the Streamlight ProTac HL 5-X USB tactical flashlight, covering battery installation, charging, operation modes, safety warnings, warranty, and service.
	Streamlight ProTac 2.0 Rail Mount Series Operating Instructions and Safety Guide Operating instructions, safety guidelines, mounting procedures, and warranty details for the Streamlight ProTac 2.0 Rail Mount Series weapon-mounted flashlight.