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Streamlight 69110

Streamlight 69110 TLR-1 300-Lumen Weapon Mounted Light User Manual

Model: 69110 | Brand: Streamlight

INTRODUCTION

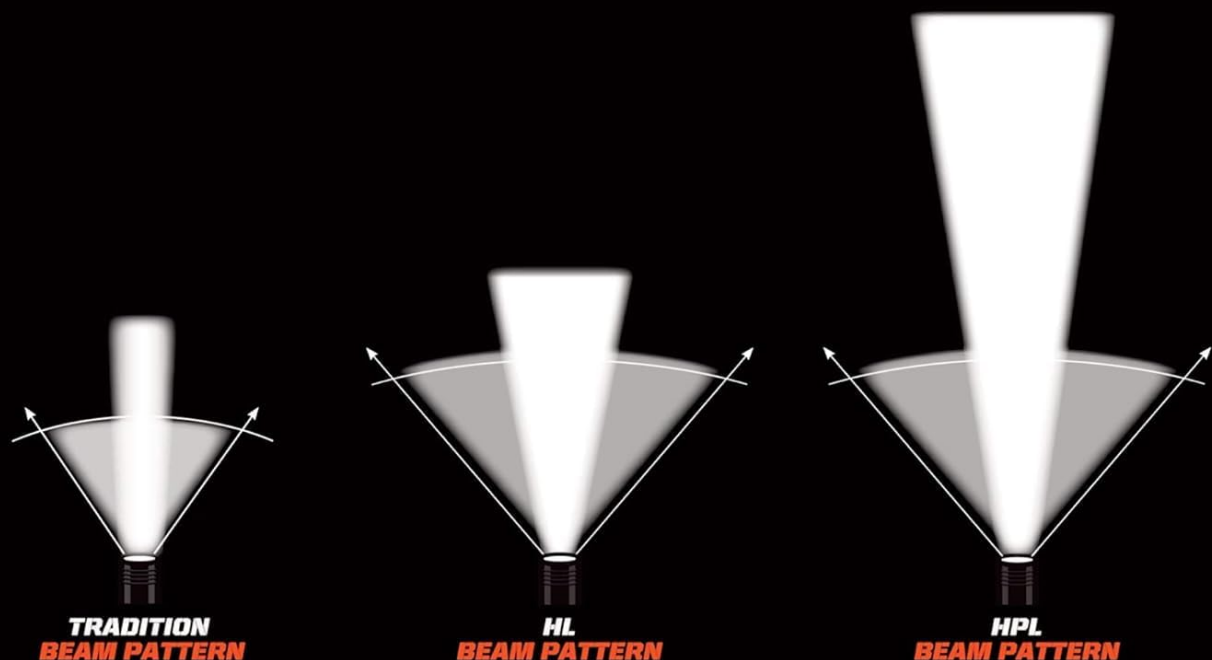
The Streamlight 69110 TLR-1 is a lightweight, compact, lithium battery powered gun-mounted tactical flashlight. It features the latest in shock-proof high power LED technology, providing 2.5 hours of continuous run time. Designed for rapid attachment and detachment from the side of a weapon, it offers reliable illumination for various tactical situations.



Figure 1: Front view of the Streamlight TLR-1 weapon light, showcasing its compact design and powerful LED lens.

KEY FEATURES

- **High Brightness:** 300 lumens with 12,000 candela peak beam intensity.
- **Extended Runtime:** Provides 2.5 hours of continuous operation.
- **Durable LED Technology:** Impervious to shock with a 50,000-hour lifetime.
- **Optimized Beam:** Deep-dish parabolic reflector produces a concentrated beam with optimum peripheral illumination.
- **Versatile Mounting:** Mounts directly to handguns with Glock-style rails and to all MIL-STD-1913 (Picatinny) rails.
- **Included Rail Keys:** Comes with keys for Glock-style, Picatinny, Beretta 90two, S&W 99, and S&W TSW.
- **Quick Attach/Detach:** Rail clamp system allows for secure attachment and quick detachment without tools.
- **Holster Compatibility:** Fits existing light-bearing holsters.
- **User Programmable Strobe:** Strobe function can be enabled or disabled by the user.



Tradition Series: Meant for general, multi-purpose use, these lights are designed for the broadest range of lighting applications at the best value.

High Lumen (HL): Gives you maximum illumination, providing full situational awareness by delivering extraordinary brightness in a wide beam pattern. These lights are ideal for smaller areas where you need a lot of light, but not an exceptionally long reach.

High Performance High Lumen (HPL): A good choice for down-range applications requiring optimal beam distance, as these flashlights throw light a long distance and feature an enhanced lumen output

Figure 2: Illustration of different beam patterns (Tradition, HL, HPL) for Streamlight products, demonstrating the focused and wide illumination capabilities.

COMPATIBILITY

The TLR-1 is designed for broad compatibility with various firearm rails. Always verify fitment and compatibility prior to purchase.

Included Rail Locating Keys:

- Glock-style rails
- MIL-STD-1913 (Picatinny) rails
- Beretta 90two
- S&W 99
- S&W TSW

Detailed Compatibility Notes:

- **BERETTA:**

- Cx4 Storm (carbine/rifle) - 1913 key
- Px4 Storm (pistol) - GL (Standard) key. Note: M-lights are very loose.
- Vertec - New polymer key - 1913; Older aluminum key - GL (Standard) Key.

- **CZ:** P-01 - Should work with GL (Standard) key (Not tested; based on similar European version).

- **FN:** 5.7 (with Picatinny style rail) - 1913 key.

- **GLOCK:** Any with rails - GL (Standard) key. Cannot fit Glocks not equipped with factory rails.

- **HK:**

- USP (full size) uses HK adapter 69085 with a GL (Standard) key; (Compact) uses HK adapter 69091 with a GL (Standard) key.
- HK P2000 is supposed to have Picatinny rail (NOT CHECKED).
- HK P30 - 1913 key.

Note: The rail tilts down slightly from the bore. This may result in laser zeroing difficulty closer than 50 feet (depending on the tolerances of the pistol and laser).

- **KIMBER:** TLE RLII (1911 with rail) - Picatinny key.

- **RUGER:**

- KP345 - GL (Standard) key.
- SR-9 - GL (Standard) key.

- **SIG SAUER:**

- GSR or 1911 Style with flat bottom rail - Picatinny key.
- ANY ALUMINUM FRAME SIG WITH A ROUND BOTTOM RAIL: Including the P220R, P229R, etc. The Sig round bottom rail departs from the true shape of both the 1913 and Universal standards and may cause an improper fit. The TLR will work with the 1913 key but THERE WILL BE DAMAGE to the finish of both the gun and the light. The retaining screw must be TIGHT. Newer Sig P series guns are supposed to have a true Picatinny rail. This has not been verified by Streamlight.
- SP2022 - Polymer frame. Same comments as for aluminum frames, EXCEPT that the polymer frame is a little thicker and does not show marks from a clamp because it is molded from black material. PER SIG, the TLR with the 1913 key works.

- **SMITH & WESSON:** On the TSW and 99 models, the slot is too far back for the standard key and requires the special S&W key. There are many different models of TSW, but as long as it's a TSW WITH A RAIL, it uses the S&W key. Smith & Wesson M&P autoloader takes the Picatinny key.

- SIGMA - Cannot fit.

- **SPRINGFIELD ARMORY:**

- Operator (1911 with rail) - Picatinny key.
- XD (4 & 5 inch barrels) - GL (Standard) key. Cannot fit 3" barrel.

- **WALTHER:**

- 99 - New (2004 models) FULL SIZE ones are nearly the same as the S&W 99 and use the S&W key. Older ones (no slot across the rail and the side grooves CLOSED in front) cannot be fitted with a TLR.
- 99 Compact - Cannot fit. Rail is too short.
- P22 - Cannot fit. Non-standard rail.



INTENSELY BRIGHT

Virtually indestructible rail-mounted tactical light that attaches to almost any gun in seconds.

Figure 3: The Streamlight TLR-1 light attached to a pistol rail, demonstrating its secure and low-profile fit.

SETUP

Battery Installation:

1. Ensure the light is off and detached from any weapon.
2. Locate the tethered battery door and latch mechanism at the rear of the light.
3. Lift up on the hard metal tab/clasp to release the battery door. The door will come off.
4. Insert two CR123A batteries into the compartment, ensuring correct polarity as indicated inside.
5. Align the battery door and push firmly until it clicks securely into place. There is significant tension in the springs, requiring firm pressure.



Figure 4: Side view of the Streamlight TLR-1, showing the battery compartment and the battery indicator icon.

Mounting the Light:

1. Select the appropriate rail locating key for your firearm (Glock-style, Picatinny, Beretta 90two, S&W 99, or S&W TSW).
2. Insert the chosen key into the slot on the light's rail clamp.
3. Loosen the mounting screw on the side of the light to widen the clamp.
4. Align the light with your weapon's accessory rail and snap it into place.
5. Tighten the mounting screw firmly to secure the light. Ensure there is no play for optimal performance.

OPERATING INSTRUCTIONS

The TLR-1 features an ambidextrous switch for easy operation.

- **Momentary On:** Press and hold either the left or right paddle switch. The light will remain on as long as the switch is held. Release to turn off.
- **Constant On:** Push either paddle switch fully up or down until it clicks into place. The light will remain on until the switch is returned to the center position.
- **Strobe Function (User Programmable):**
 - To activate the strobe: Rapidly tap either paddle switch two or more times.
 - To disable/enable the strobe: Refer to the detailed instructions in the full user guide for programming the strobe feature.

MAINTENANCE

- **Cleaning:** Clean the lens with a soft, clean cloth. For the body, use a damp cloth and mild soap if necessary. Avoid abrasive cleaners.
- **Battery Replacement:** Replace batteries when the light output diminishes. Always use fresh, high-quality CR123A batteries. Do not mix old and new batteries or different battery types.
- **O-Rings:** Periodically inspect the O-rings for wear and tear. Lubricate with silicone grease if needed to maintain waterproof integrity.
- **Storage:** Remove batteries if storing the light for extended periods to prevent battery leakage and damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on or is dim.	Dead or low batteries; Incorrect battery insertion; Loose connections.	Replace batteries; Ensure correct polarity; Check battery door for secure closure.
Light flickers.	Loose battery cap; Dirty battery contacts; Low battery.	Tighten battery cap; Clean contacts with a cotton swab; Replace batteries.
Light does not mount securely.	Incorrect rail key used; Mounting screw not tightened sufficiently.	Verify correct rail key for your firearm; Tighten mounting screw firmly.
Water ingress.	Damaged or improperly seated O-rings; Battery door not fully closed.	Inspect and replace O-rings if damaged; Ensure battery door is securely latched.

SPECIFICATIONS

- **Model Number:** 69110
- **Light Source:** LED
- **Brightness:** 300 Lumens
- **Peak Beam Intensity:** 12,000 Candela
- **Runtime:** 2.5 hours (continuous)
- **Power Source:** Battery Powered
- **Battery Type:** 2 x CR123A Lithium Ion (included)
- **Voltage:** 3 Volts (DC)
- **Wattage:** 3 watts
- **Material:** Aluminum
- **Color:** Black
- **Water Resistance Level:** Waterproof
- **Product Dimensions:** 3.39"D x 1.47"W x 1.44"H
- **Item Weight:** 7.04 ounces
- **Special Feature:** Lightweight
- **Mounting Type:** Gun Mount

INTENSELY BRIGHT WEAPON-MOUNTED LIGHT



Figure 5: Detailed view of the Streamlight TLR-1 with key dimensions and performance metrics like lumens, runtime, and battery type.

WARRANTY AND SUPPORT

The Streamlight 69110 TLR-1 comes with a **Limited Lifetime Warranty**. For detailed warranty information, service, or support, please refer to the official Streamlight website or contact their customer service directly.

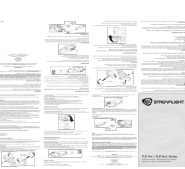
You can visit the [Streamlight Store on Amazon](#) for more products and information.

SAFETY INFORMATION

WARNING:

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Related Documents - 69110

	<p>Streamlight TLR-1s HP Long Range Tactical Light: Specs, Features, Compatibility Guide</p> <p>Detailed specifications, features, and firearm compatibility for the Streamlight TLR-1s HP Long Range Rail Mounted Tactical Light. Includes accessory list, warranty information, and operating procedures.</p>
	<p>Streamlight TLR-1 HP Long Range Tactical Light: Specifications, Features, and Compatibility</p> <p>Comprehensive details on the Streamlight TLR-1 HP Long Range Rail Mounted Tactical Light, including technical specifications, features, accessory compatibility, firearm fitment, warranty information, and battery door operation. Designed for tactical applications.</p>
	<p>Streamlight TLR-7® & TLR-8® Keys Compatibility List</p> <p>Official compatibility list for Streamlight TLR-7® and TLR-8® tactical lights with various Glock, Sig Sauer, Smith & Wesson, Beretta, Springfield Armory, FN, HK, CZ, Kimber, and Ruger handgun models, plus 1913 Picatinny rails.</p>
	<p>Streamlight TLR RM 1 / TLR RM 2 Series Weapon-Mounted Tactical Flashlight Operating Instructions</p> <p>Detailed operating instructions and safety guidelines for Streamlight TLR RM 1 and TLR RM 2 series tactical flashlights. Covers installation, battery replacement, switch functions, maintenance, warranty, and service information.</p>
	<p>Streamlight TLR-7 Sub Weapon-Mounted Tactical Flashlight Operating Instructions</p> <p>Official operating instructions for the Streamlight TLR-7 Sub weapon-mounted tactical flashlight, covering safety, installation, battery replacement, and operation. Includes warnings, maintenance, and warranty information.</p>



[Streamlight TLR-7/TLR-8 Series Weapon-Mounted Tactical Flashlight Operating Instructions](#)

Comprehensive operating instructions for the Streamlight TLR-7 and TLR-8 series weapon-mounted tactical flashlights, covering safety, installation, operation, maintenance, and warranty.