



**Test Equipment
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Visit us at www.TestEquipmentDepot.com



TLR-1™ / TLR-2™

Operating Instructions | Instrucciones de funcionamiento
Instructions d'utilisation | Bedienungsanleitung

ENGLISH

Congratulations on your purchase of the Streamlight TLR. Model 1 is a weapon-mounted LED flashlight. Model 2 includes a laser sight. These high quality systems offer adjustable mounting flexibility that can accommodate the Glock or Picatinny (1913) accessory rails featured on a wide variety of firearms.

Features

- 3 Watt Luxeon® LED
- Up to 80 Lumens - Blinding Beam, Bright Sidelight
- Integrated Laser Sight**
- Machined Aluminum - Water*, Dust, & Shock Proof
- Fast, Safe, Adjustable, Secure Side Mounting to 1913 and Glock® Style Rails
- 2.5 Hours of Runtime
- Fits Existing Light Bearing Holsters
- Extended Warranty
- Includes (2) Two Lithium Batteries
- Ambidextrous Momentary/Steady On-Off Switch

*TLR-1 Only

**TLR-2 Only

Specifications

TLR-1™

4.18 oz. 118.6 g

TLR-2™

4.72 oz. 133.8 g 650-660 nm Laser

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IMPORTANT WARNINGS

FIREARMS

MAKE SURE THAT THE FIREARM IS UNLOADED AND THE BREECH IS OPEN WHEN MOUNTING OR REMOVING THE FLASHLIGHT. IT IS IMPERATIVE THAT SAFETY MEASURES BE EMPLOYED AT ALL TIMES WHILE HANDLING THE FIREARM.

BATTERIES

WARNING: FIRE, EXPLOSION, BURN HAZARD

USE ONLY: Streamlight, Panasonic, or Sanyo size CR123A; Duracell 123A, or Energizer 123. Use of other batteries or mixing of used and new or different brand batteries may result in leakage, fire or explosion and serious personal injury. DO NOT recharge, misuse, short circuit, improperly store or discard, disassemble, or heat above 212°F (100°C). Keep away from children.

LED (TLR-1 & 2)

AVOID DIRECT EYE EXPOSURE

LED Radiation (Class 2/ Max. Output <5 mW/ Wavelength: approx. 450-550 nm)

LASER (TLR-2 only)



DANGER — LASER RADIATION IS EMITTED FROM THIS PRODUCT.

CAUTION — USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

AVOID DIRECT EYE EXPOSURE.

DO NOT STARE DIRECTLY INTO LASER BEAM.


DO NOT VIEW THE LASER BEAM WITH OPTICAL INSTRUMENTS (SCOPES, SPOTTING DEVICES, BINOCULARS, ETC.).

AVOID REFLECTED LASER BEAM.

DO NOT ATTEMPT TO OPEN OR MODIFY THE LASER CARTRIDGE.

LABEL INFORMATION AND LOCATION (TLR-2 only)

This important label is affixed to the laser housing.

AVOID EXPOSURE; LASER RADIATION	▲ IS EMITTED FROM THIS APERTURE.	
	CAUTION - LASER RADIATION AVOID DIRECT EYE EXPOSURE CLASS 3R LASER PRODUCT CLASS 2 LED MAX OUTPUT: <5 mW WAVELENGTH: 425 - 665 nm	
COMPLIES WITH 21 CFR 1040.10 AND 1040.11 AS AMENDED BY LASER NOTICE 50., 26JULY01.		
LASER/LIGHT	LIGHT	LASER

Battery Installation/Removal

To access the battery compartment you must first remove the flashlight from the firearm. Follow the TLR Removal Procedure instructions to remove the flashlight from the firearm.

1. Unclip the door latch.

The latch is tight. It may help to use a coin.

2. Slide the batteries from the flashlight.

3. Insert the new batteries observing polarity.

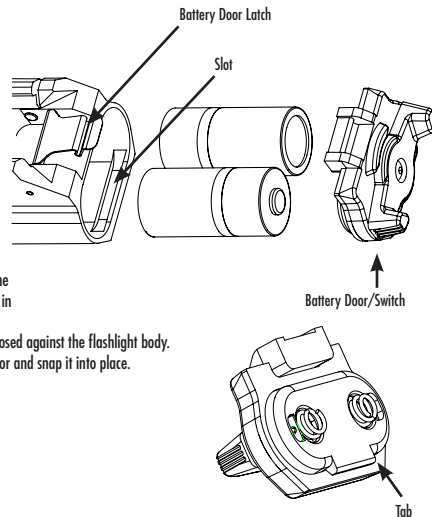
Note: The flashlight is polarity protected and will not light if the batteries are inserted incorrectly.

4. Hold the battery switch/door at an angle and place

the small tab on the bottom of the battery/door switch into the slot in the flashlight body.

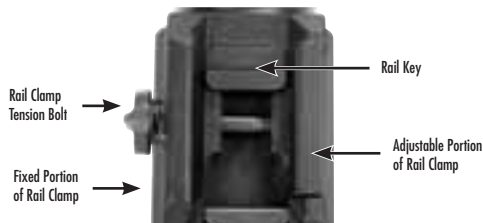
5. Firmly push and hold the door closed against the flashlight body.

6. Swing the door latch over the door and snap it into place.



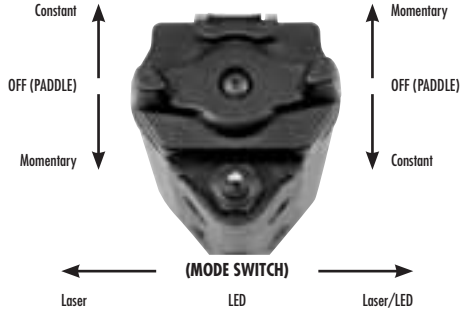
Mounting/Removal Procedure

MAKE SURE THAT THE FIREARM IS UNLOADED AND THE BREECH IS OPEN. IT IS IMPERATIVE THAT SAFETY MEASURES BE EMPLOYED AT ALL TIMES WHILE HANDLING THE FIREARM.



1. The TLR is design to be quickly attached or detached from the side of the weapon or accessory rail.
2. Loosen the rail clamp tension bolt.
3. Angle the TLR, placing the fixed portion of the rail clamp against the accessory rail and align the rail key with the appropriate cross groove in the accessory rail.
4. Slightly depress the tension bolt to open the rail clamp, rotate the TLR into place and release the pressure on the tension bolt to “snap” the light in place.
5. Check for fit and tighten tension bolt until the TLR is securely attached to the firearm.

Switch Operation



The TLR features a paddle switch providing momentary or constant activation.

The TLR-2 has an additional mode selection switch located on the rear of the laser housing.

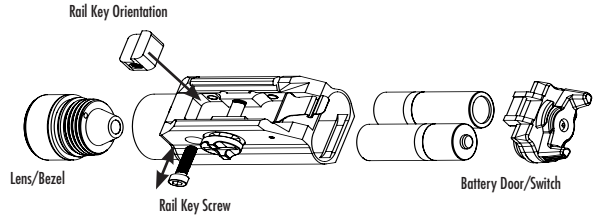
TLR-2 Laser Sight Zeroing

For a laser mounted below or to the side of the bore, there is only one distance where the bullet path will coincide with the laser sight line. This point is the “zero range.” Laser adjustment and the muzzle velocity of the bullet determine where this point occurs. The user must decide how high above or below the sight line the bullet can be allowed to strike and adjust the sight accordingly. At distances less than the zero range the bullet will be above the sight line. Beyond the zero range the bullet will be below the sight line. If mounted to the side, the bullet will also deviate to the side of the laser line, as well as up and down. In practice, a TLR-2 on a handgun can be adjusted to keep the bullet strike within about 2” high and 2” low out to about 100 feet.

Maintenance

The TLR rail clamp tensioning bolt requires an application of high quality gun oil to keep it rust free. Use a soft cloth and mild detergent to clean the glass LED lens and keep it free of dirt and grime. The laser aperture (TLR-2) can be cleaned with a Q-tip (or similar item) and mild detergent. Note: Always avoid aggressive cleaning solutions as they may damage the TLR.

TLR Parts



Note: The TLR rail key can be changed to accommodate several varieties of mounting rails. Remove the rail key screw with a 7/64th hex wrench and pull the rail key from the body. Insert the new rail key and fasten it in place with the rail key screw.

Streamlight’s “No Excuses Warranty” Streamlight warrants this product to be free of defect for a lifetime of use. We will repair, replace or refund the purchase price, at our option, of any Streamlight product that does not work or that you manage to break for as long as you own it. Of course, this **limited lifetime warranty** excludes abuse, batteries, bulbs and chargers. Rechargeable batteries and chargers have a (1) one year warranty with proof of purchase. Please return your Streamlight to our factory to take advantage of this guarantee. **Go to www.streamlight.com for the location of an authorized Streamlight repair center near you.**

Product Registration: To register your product, go to www.streamlight.com (Online Product Registration). Retain your receipt or any proof of purchase.

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