



STREAMLIGHT®

TLR-3® / TLR-4™

Operating Instructions

Thank you for selecting the TLR-3®/TLR-4™ weapon-mounted tactical flashlight. As with any fine tool, reasonable care and maintenance of this product will provide years of dependable service.

Please read this manual before using your TLR-3®/TLR-4™. It includes important safety and operating instructions and should be saved.

IMPORTANT WARNINGS

FAILURE TO READ AND FOLLOW THESE OPERATING INSTRUCTIONS AND WARNINGS WHEN HANDLING A FIREARM OR THE TLR-3®/TLR-4™ CAN BE DANGEROUS AND CAN RESULT IN SERIOUS INJURY, DAMAGE TO PROPERTY, OR DEATH.

- Use of a firearm under any circumstance may be dangerous. SERIOUS INJURY OR EVEN DEATH may result without proper training in the safe handling of firearms. Proper training should be obtained from an accredited firearms safety program conducted by competent, qualified instructors in the military, police academies or National Rifle Association affiliated instruction programs.
- Read your firearm's manual before attaching your gun mounted light.
- Never point a firearm at something you are not willing to destroy.
- Streamlight recommends that the TLR-3®/TLR-4™ should only be activated with the non-trigger hand while employing a two-hand grip on the firearm and with the trigger finger outside the trigger guard when possible. Failure to do so could result in an accidental discharge and serious injury, damage to property, or death.
- Thoroughly practice (employing safe training conditions) with the TLR-3®/TLR-4™ and firearm before using the weapon in a tactical situation.

IT IS IMPERATIVE THAT SAFETY MEASURES BE EMPLOYED AT ALL TIMES WHILE HANDLING THE FIREARM.

BATTERIES

WARNING: FIRE, EXPLOSION, BURN HAZARD.

USE ONLY: Panasonic, Sanyo, Duracell, or Energizer size CR2. Use of other batteries 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.

USE ONLY THOSE BATTERIES SPECIFICALLY RECOMMENDED FOR USE IN THIS PRODUCT.

TLR-3®/TLR-4™

Caution: LED Radiation (RG-2) -
Do Not Stare into Beam.
May be harmful to eyes.

TLR-4™ Only

AVOID EXPOSURE; LASER RADIATION	▲ IS EMITTED FROM THIS APERTURE.
	CAUTION - LASER/LED RADIATION CLASS 3R LASER PRODUCT AVOID DIRECT EYE EXPOSURE MAX OUTPUT: <5 mW WAVELENGTH: 640 - 660 nm -LED RADIATION (RG-1): UV MINIMIZE EYE, SKIN EXPOSURE
COMPLIES WITH 21 CFR 1040.10 AND 1040.11 AS AMENDED BY LASER NOTICE 50., 24JUNE07. LASER/LIGHT LIGHT LASER	

Rail Key Installation/Removal

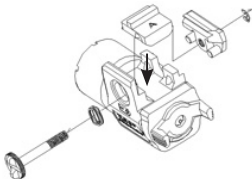
THE TLR-3®/TLR-4™ MUST BE REMOVED FROM THE FIREARM BEFORE THIS PROCEDURE CAN BE PERFORMED.

The TLR-3®/TLR-4™ is shipped with the “A” rail key installed. If the “A” key is not correct, select a key that will securely attach your TLR-3®/TLR-4™ to the weapon with special regard for: width of key and rail slot, operation of the switch, and non-interference with the trigger guard, etc. A list of factory-tested keys for weapons and rails is included for reference.

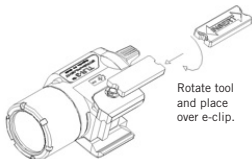
NOTE: A key MUST be used or the TLR-3®/TLR-4™ will slide off the front of the rail under recoil.

Rail Key Installation

1. Unscrew the rail clamp tension bolt and remove it completely (the tension spring must stay with the rail clamp tension bolt).
2. Place the key into the slot between the movable portion of the rail clamp and the fixed side. Note: The key is fitted properly when the holes in the rail clamp align with the holes in the key.
3. Insert the rail clamp tension bolt through the fixed side of the rail clamp, through the key and tighten into the movable side of the clamp.



4. Tighten the rail clamp tension bolt fully against the fixed side of the rail clamp.
5. Place the e-clip onto the rail and align the open end with the groove in the threaded portion of the rail clamp tension bolt.
6. Locate the “insert” side of the e-clip tool and place it against the clamp surface.
7. Align the e-clip tool with the e-clip and push the tool until the e-clip snaps into place.



Rail Key Removal

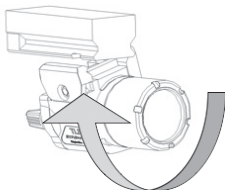
1. Fully tighten the rail clamp tension bolt.
2. The e-clip will become accessible on the end of rail clamp tension bolt (not installed from the factory).
3. Locate the “removal” side of the e-clip tool and place it against the clamp surface.

4. Place the tool on the e-clip and apply pressure to free the e-clip from the rail clamp tension bolt.
5. Unscrew the rail clamp tension bolt and remove it completely (the tension spring must stay with the rail clamp tension bolt).

Flashlight Mounting/Removal

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-3®/TLR-4™ is designed 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-3®/TLR-4™, 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. Depress the rail clamp tension bolt to open the rail clamp, rotate the TLR-3®/TLR-4™ into place and release the pressure on the tension bolt to “snap” the light in place.
5. Check for fit and tighten rail clamp tension bolt until the TLR-3®/TLR-4™ is securely attached to the firearm.



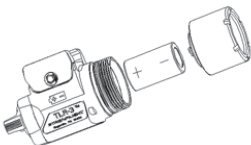
NOTE: A coin should be used to obtain sufficient tightness. Tighten only “finger tight”.

Battery Installation/Removal

FOR SAFETY PURPOSES THE TLR-3®/TLR-4™ MUST BE REMOVED FROM THE FIREARM BEFORE THE BATTERY COMPARTMENT IS OPENED OR CLOSED.

At the end of battery life, the switch may appear intermittent or non-functional. Replacing the battery will restore normal operation.

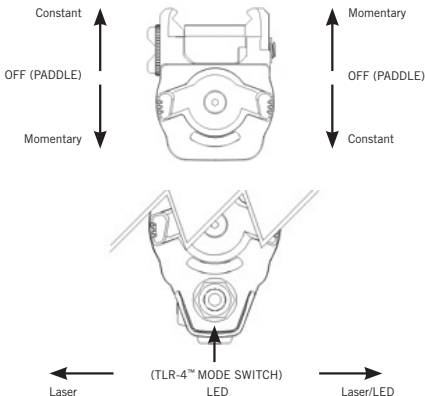
- Unscrew and remove the facecap assembly from the body of the TLR-3®/TLR-4™ and remove the exhausted battery from the flashlight body.
- Insert a fresh CR2 battery (positive end first) into the body of the TLR-3®/TLR-4™ Note: Battery polarity is indicated on the side of the TLR-3®/TLR-4™ body.



- Place the facecap assembly onto the TLR-3®/TLR-4™ body.
Fully tighten the facecap assembly to ensure that the battery makes complete contact with the internal electrical contacts.

Switch Operation

The TLR-3®/TLR-4™ features a paddle switch providing momentary or constant activation. The TLR-4™ has an additional mode selection switch located on the rear of the laser housing.



TLR-4™ 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-4™ on a handgun can be adjusted to keep the bullet strike within about 2" high and 2" low out to about 100 feet.

There are two adjustment screws (mounted in brass bushings) located on the laser cartridge housing. The windage adjustment is located on the left hand side of the laser cartridge. Turn the set screw clockwise to move the laser to the left (POI right). Turn the set screw counter-clockwise to move the laser to the right (POI left). The elevation adjustment is located on the underside of the TLR-4™ laser cartridge. With the TLR-4™ pointed down range a clockwise turn of the adjustment screw will move the laser down (POI up). A counter-clockwise turn on the adjustment screw will move

the laser up (POI down). Move the laser dot in the direction that the shots are hitting the target (example: If the bullets are striking low and right, move the laser dot down and right to coincide with the bullet strike).

NOTE: When making large adjustments there may be an interaction that causes the laser to move diagonally or bind. It may become necessary to rotate the opposing adjustment screw counterclockwise to allow the laser cartridge to move to the desired position

Maintenance

The TLR-3®/TLR-4™ rail clamp tension 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.

NOTE: Always avoid aggressive cleaning solutions as they may damage the TLR-3®/TLR-4™. If you shoot ammunition with an exposed lead base on the bullets, the lens and facecap may become coated with lead. This may be removed from the lens by rubbing with fine steel wool. It is extremely difficult to remove the lead coating from the facecap. Wrap the facecap with electrical tape to avoid lead coating.

Streamlight Limited Lifetime Warranty:

Streamlight warrants this product to be free of defects for a lifetime of use except for batteries and bulbs, abuse and normal wear. We will repair, replace or refund the purchase price of this product should we determine it to be defective. This limited lifetime warranty also excludes rechargeable batteries, chargers, switches and electronics which have a 2 year warranty with proof of purchase. **THIS IS THE ONLY WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES ARE EXPRESSLY DISCLAIMED EXCEPT WHERE SUCH LIMITATION IS PROHIBITED BY LAW.** You may have other specific legal rights which vary by jurisdiction.

Go to www.streamlight.com/support for a complete copy of the warranty, and information on product registration and the location of authorized service centers. Retain your receipt for proof of purchase.

Service

The TLR-3®/TLR-4™ contains few or no user-serviceable parts.

Please Return To:
Streamlight Repair Dept.
30 Eagleville Road
Suite 100
Eagleville, PA 19403-3996
Phone: (800) 523-7488 Toll-Free
Fax: (800) 220-7007
www.streamlight.com



STREAMLIGHT®

www.streamlight.com

30 Eagleville Road

Eagleville, PA 19403

Phone: (800) 523-7488

997653 Rev. B 2/12