

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

- › [Streamlight](#) /
- › [Streamlight TLR-7 X Tactical Weapon Light User Manual](#)

Streamlight 69424

Streamlight TLR-7 X Tactical Weapon Light User Manual

Model: 69424

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Streamlight TLR-7 X Tactical Weapon Light. The TLR-7 X is a compact, high-performance weapon-mounted light designed for tactical applications, offering multi-fuel capability and versatile operation.



Image: The Streamlight TLR-7 X Tactical Weapon Light, showcasing its compact design and front lens.

SAFETY INFORMATION

WARNING:

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Always handle with care and follow all local safety guidelines.

- Always ensure the weapon is unloaded and safe before attaching or detaching the light.
- Never point the light directly into eyes, as the high lumen output can cause temporary vision impairment.
- Use only recommended battery types (CR123A or Streamlight SL-B9 lithium-ion rechargeable battery pack, sold separately).
- Keep out of reach of children.

SETUP AND INSTALLATION

1. Battery Installation

1. Ensure the light is in "Safe Off" mode to prevent accidental activation.
2. Unscrew the facecap of the light counter-clockwise to access the battery compartment.
3. Insert one (1) CR123A battery or one (1) Streamlight SL-B9 lithium-ion rechargeable battery pack (sold separately) with the positive (+) end facing towards the light head.
4. Screw the facecap back on clockwise until snug.

2. Mounting the Light

The TLR-7 X features an integrated rail clamp for rapid attachment and detachment.

1. Select the appropriate key from the included key kit for your weapon's rail type (e.g., 1913 or Universal).
2. Loosen the rail clamp screw on the light.
3. Align the light's rail clamp with your weapon's accessory rail.
4. Slide the light onto the rail until the key engages with a rail slot.
5. Tighten the rail clamp screw securely. Do not overtighten.

MULTI-FUEL, LOW-PROFILE WEAPON-MOUNTED LIGHT



500
LUMENS

MAX OUTPUT

1.5
HOURS

MAX RUNTIME

140
METERS

MAX DISTANCE



MULTI-FUEL
SL-B9® BATTERY PACK
OR CR123A LITHIUM

BATTERY TYPE

Image: The TLR-7 X light securely mounted on a firearm, demonstrating its low-profile fit.

OPERATING INSTRUCTIONS

The TLR-7 X comes with customizable rear paddle switches (high and low) for versatile operation.

Switch Operation:

- **Momentary On:** Press and hold either paddle switch. Release to turn off.
- **Constant On:** Quickly press and release either paddle switch. Press and release again to turn off.
- **Strobe Mode:** From the "Off" position, quickly double-tap either paddle switch. To exit strobe, press and release either switch.

Safe Off Feature:

To prevent accidental activation and conserve battery life, the TLR-7 X includes a "Safe Off" feature. This is typically engaged by rotating the facecap a quarter turn counter-clockwise from the fully tightened position. To re-enable operation, rotate the facecap clockwise until fully tightened.



Image: Detail of the TLR-7 X paddle switches, showing the ergonomic design for easy activation.

MAINTENANCE

- **Cleaning:** Wipe the light with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the light output diminishes significantly. Always dispose of used batteries according to local regulations.
- **O-Rings:** Periodically inspect and lubricate the O-rings with silicone grease to maintain water resistance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Battery depleted or incorrectly installed; "Safe Off" engaged.	Replace battery, ensure correct polarity; disengage "Safe Off" by tightening facecap.
Light output is dim.	Low battery; dirty lens.	Replace battery; clean lens with a soft cloth.
Light flickers.	Loose battery or facecap; poor contact.	Ensure battery is seated correctly and facecap is fully tightened.

SPECIFICATIONS

Feature	Detail
Model Number	69424
Lumens	500 Lumens
Beam Distance	140 Meters

Feature	Detail
Runtime	1.5 hours (CR123A)
Power Source	1x CR123A Lithium Battery (included) or 1x Streamlight SL-B9 Lithium-Ion Rechargeable Battery Pack (sold separately)
Light Source	LED
Material	Anodized Machined Aluminum
Dimensions (L x W x H)	2.58"D x 1.18"W x 1.27"H
Weight	2.4 ounces (with battery)
Water Resistance	IPX7 (Waterproof to 1 meter for 30 minutes)
Included Components	High Switch (Mounted), Low Switch, 1 CR123A Lithium Battery, Key Kit



Image: Visual representation of the TLR-7 X's compact dimensions and key performance specifications.

COMPATIBILITY

The Streamlight TLR-7 X is designed to fit a wide range of firearms with universal or 1913 (Picatinny) style rails. Below is a list of common compatible handguns. For the most up-to-date and comprehensive compatibility list, please refer to the official Streamlight website.

Partial Compatibility List:

- **GLOCK:** Most models up to Gen 7 (UNIV-1), 17, 19 Gen 5 (1913-1)
- **SIG SAUER:** 320 Compact & 1911 GSR (1913-1), 320 Carry & Full Size (1913-3), P200 Series (220, 2022, etc.) (1913-2)
- **SMITH & WESSON:** TSW (with riveted rail) & 99 (UNIV-2), M&P (Full Sizes) (1913-2)
- **BERETTA:** 92 FS/M9A1 Models (1913-1), 90TWO (1913-2), 92/96 A1 (1913-2), APX (UNIV-1), PX4 Storm Full Size (UNIV-2)
- **SPRINGFIELD ARMORY:** XD (9, 40, 45, 9(M)) (UNIV-1)
- **FN:** FNS-40, FIVE-SEVEN, 509 & FNX (1913-1)
- **HK:** VP 9 (1913-1), P30 (1913-2)
- **CZ:** P-01, P-07 & P-10 (1913-1), 75 SP-01 (1913-3)
- **KIMBER:** 1911 Custom (1913-1)
- **RUGER:** SR-9 (UNIV-1)
- **1913 PICATINNY RAIL:** Any 1913 key

WARRANTY INFORMATION

Streamlight products are covered by a Limited Lifetime Warranty. This warranty covers defects in materials and workmanship for the life of the product, excluding batteries, bulbs, abuse, and normal wear and tear. For full warranty details and to make a claim, please visit the official Streamlight website or contact their customer service. For more information, visit: [Streamlight Warranty Page](#)

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your Streamlight TLR-7 X, please contact Streamlight customer support:

- **Official Website:** www.streamlight.com
- **User Guide (PDF):** [Download User Guide](#)

© 2025 Streamlight Inc. All rights reserved.

	<p>Streamlight TLR-7/TLR-8 Series Tactical Weapon Light Operating Instructions Manual</p> <p>Comprehensive operating instructions, safety warnings, installation, maintenance, and warranty information for the Streamlight TLR-7 and TLR-8 series tactical weapon lights.</p>
	<p>Streamlight TLR-7/TLR-8 Series Weapon-Mounted Tactical Flashlight Operating Instructions</p> <p>Comprehensive operating instructions for the Streamlight TLR-7 and TLR-8 series weapon-mounted tactical flashlights, covering safety, installation, operation, maintenance, and warranty.</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>
	<p>Streamlight TLR-1/TLR-2 Series Weapon Light Operating Manual and Instructions</p> <p>Comprehensive operating instructions, safety warnings, installation, and maintenance guide for Streamlight TLR-1 and TLR-2 series weapon-mounted lights. Includes details on laser zeroing, battery replacement, and warranty.</p>
	<p>Streamlight TLR-1 & TLR-2 Series Weapon Light Operating Instructions and Manual</p> <p>Comprehensive operating instructions, safety guidelines, installation, mounting, and maintenance information for Streamlight TLR-1 and TLR-2 series tactical weapon-mounted lights.</p>



[Streamlight TLR RM 1 / TLR RM 2 Series Weapon-Mounted Tactical Flashlight Operating Instructions](#)

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.