

Streamlight 51064

Streamlight Twin-Task 375-Lumens USB Headlamp (Model 51064) Instruction Manual

Model: 51064

INTRODUCTION

The Streamlight Twin-Task USB Headlamp is a versatile lighting tool designed for various tasks, offering two distinct light sources. It features a 375 Lumen main beam for distance illumination and a 250 Lumen COB flood LED for close-up work. This headlamp utilizes advanced power LED technology and offers the convenience of USB recharging. With five lighting levels and a durable impact-modified Nylon case, it is built for extended use and reliability. This manual provides essential information for the proper use and maintenance of your Twin-Task USB Headlamp.

SETUP

1. Unpacking and Initial Inspection

Carefully remove the headlamp from its packaging. Inspect all components for any signs of damage. The package should include the Twin-Task USB Headlamp, a USB charging cord, and an elastic head strap.

2. Headband Adjustment

Adjust the elastic head strap to ensure a comfortable and secure fit on your head. The headlamp should be snug enough to stay in place during activity but not so tight as to cause discomfort. The battery pack is designed to sit at the back of the head for balanced weight distribution.



Image: The Streamlight Twin-Task USB Headlamp shown worn on a head, demonstrating proper placement and fit.

	SPOT			FLOOD	
	HIGH	MEDIUM	LOW	HIGH	LOW
	375 LUMENS	175 LUMENS	50 LUMENS	250 LUMENS	125 LUMENS
	4.75h	8.5h	20h	5h	9h
	121m	86m	42m	25m	18m
	3,650cd	1,850cd	440cd	160cd	80cd

Image: A side profile of the headlamp on a head, highlighting the low-profile design and battery pack placement.

3. Initial Charging

Before first use, fully charge the headlamp's Lithium Ion battery. Locate the micro USB charging port, typically covered by a protective rubber flap. Connect the provided USB cord to the headlamp and a suitable USB power source. A full charge takes approximately 4.5 hours.



Image: A detailed view of the micro USB charging port, showing the protective cover and connection point.

OPERATING INSTRUCTIONS

1. Power On/Off and Mode Selection

The Twin-Task USB Headlamp features two distinct light sources: a spot beam and a COB flood beam. Each has multiple output levels:

- **Spot Beam:** High (375 lumens), Medium (175 lumens), Low (50 lumens)
- **COB Flood Beam:** High (250 lumens), Low (125 lumens)

Press the power button to cycle through the available modes. The headlamp is equipped with a memory function that recalls the last used mode when turned back on.



Image: A visual guide detailing the different spot and flood modes, including their respective lumen outputs, runtimes, and beam distances.

2. Tilting Head Functionality

The headlamp features a 120-degree tilting head, allowing you to direct the light precisely where needed without adjusting the head strap. Simply grasp the light housing and tilt it to the desired angle.



Image: This image highlights key features including the micro USB charging, the 120-degree tilting head, and the overall low-profile design of the headlamp.

3. Battery Pack Positioning

For enhanced comfort, especially when lying on your back (e.g., working under a vehicle), the battery pack can be rotated to the side of your head. This prevents the pack from pressing against your head or a surface, improving user comfort during prolonged use in various positions.

Video: An official Streamlight video demonstrating the features of the Twin-Task Headlamp series, including the dual LED functionality, various light modes, tilting head, and the comfortable design of the battery pack for different working positions.

MAINTENANCE

1. Charging the Battery

To maintain optimal performance, regularly charge the headlamp's Lithium Ion battery. The USB charging port is located on the battery pack. Ensure the protective rubber flap is securely closed when not charging to prevent dust and moisture ingress. The battery can also be replaced with a charged Streamlight Strion Lithium Ion battery if you have a compatible piggyback charger, allowing for continuous operation without waiting for a full charge.

2. Cleaning

Clean the headlamp and strap with a damp cloth as needed. Avoid using harsh chemicals or abrasive cleaners, as these can damage the unit. Ensure the charging port cover is closed during cleaning.

3. Water and Impact Resistance

The Twin-Task USB Headlamp is IPX4 water-resistant, meaning it is protected against splashing water from any direction. It is also tested for 2-meter impact resistance. While durable, avoid submerging the headlamp in water or subjecting it to severe impacts to prolong its lifespan.

TROUBLESHOOTING

1. Headlamp Not Turning On or Dim

- **Check Battery Charge:** Ensure the battery is fully charged. Connect the headlamp to a USB power source and observe the charging indicator.
- **Battery Connection:** Verify that the battery is correctly seated within its compartment.
- **Battery Lifespan:** If the battery is old and no longer holds a charge effectively, it may need to be replaced. Streamlight offers replacement batteries.

2. Charging Issues

- **USB Cable/Port:** Try using a different USB cable or power adapter to rule out a faulty accessory. Ensure the USB port on the headlamp is clean and free of debris.
- **Charging Indicator:** If the charging indicator light does not activate, there might be an issue with the charging circuit or the battery itself.

3. Light Modes Not Cycling Correctly

- **Button Functionality:** Ensure the power button is not stuck or damaged. Repeatedly press the button to see if it restores normal function.

If these troubleshooting steps do not resolve the issue, please refer to the warranty and support section for further assistance.

SPECIFICATIONS

Feature	Detail
Model Number	51064
Light Output (Spot High)	375 Lumens
Beam Distance (Spot High)	121 Meters
Run Time (Spot High)	4.75 Hours
Light Output (Flood High)	250 Lumens
Run Time (Flood High)	5 Hours
Light Output (Spot Low)	50 Lumens
Run Time (Spot Low)	20 Hours
Light Output (Flood Low)	125 Lumens
Run Time (Flood Low)	9 Hours
Battery Type	Lithium Ion (1 included)
Charging Time	Approx. 4.5 hours via USB
Material	Impact modified Nylon
Water Resistance	IPX4 (Water Resistant)
Impact Resistance	2 Meter tested
Item Weight	172.93 Grams (6.1 ounces)
Product Dimensions	4"D x 4"W x 3"H

WARRANTY INFORMATION

The Streamlight Twin-Task USB Headlamp is covered by a **Limited Lifetime Warranty**. This warranty covers defects in materials and workmanship for the lifetime of the product, excluding batteries and bulbs, abuse, and normal wear and tear. For specific details regarding warranty claims and coverage, please refer to the official Streamlight website or contact their customer support.







CUSTOMER SUPPORT

For additional support, product registration, or to purchase accessories and replacement parts, please visit the official Streamlight website or their Amazon store:

- **Streamlight Official Store:** [Visit the Streamlight Store on Amazon](#)

You may also contact Streamlight customer service directly for technical assistance or warranty service.

Related Documents - 51064

 <p>Streamlight SLEDGE Rugged Multi-Fuel Flood Headlamp</p> <p>Streamlight SLEDGE Rugged Multi-Fuel Flood Headlamp is a high-performance, multi-fuel headlamp designed for professional use. It features a rugged, durable construction and a wide beam of light, making it ideal for search and rescue, law enforcement, and other professional applications. The headlamp is powered by a multi-fuel system, allowing it to be used with a variety of fuel sources, including batteries, fuel cells, and fuel canisters. It also features a long run time and a bright, adjustable beam.</p>	<p>Streamlight SLEDGE Rugged Multi-Fuel Flood Headlamp - Specifications and Features</p> <p>Detailed overview of the Streamlight SLEDGE headlamp, including its rugged design, multi-fuel capability, output specifications (lumens, distance, run time), battery options, material durability, dimensions, and available accessories. Ideal for professionals.</p>
 <p>Streamlight ProTac 2.0 Stirnlampe Bedienungsanleitung</p> <p>Streamlight ProTac 2.0 Stirnlampe Bedienungsanleitung ist eine umfassende Anleitung für die Streamlight ProTac 2.0 Stirnlampe. Sie enthält detaillierte Informationen über die Bedienung, die Sicherheitshinweise und die Garantieinformationen. Die Anleitung ist in deutscher Sprache verfasst und ist für die Streamlight ProTac 2.0 Stirnlampe geeignet.</p>	<p>Streamlight ProTac® 2.0 Stirnlampe Bedienungsanleitung</p> <p>Umfassende Anleitung für die Streamlight ProTac® 2.0 Stirnlampe, einschließlich Ladeanweisungen, Bedienung, Sicherheitshinweisen und Garantieinformationen.</p>
 <p>Streamlight Vantage 180 X USB Operating Instructions, Safety, and Features</p> <p>Streamlight Vantage 180 X USB Operating Instructions, Safety, and Features is a comprehensive guide for the Streamlight Vantage 180 X USB flashlight. It includes detailed information about the flashlight's features, safety precautions, battery installation, charging, helmet mounting, maintenance, and warranty. The guide is written in English and is suitable for the Streamlight Vantage 180 X USB flashlight.</p>	<p>Streamlight Vantage 180 X USB: Operating Instructions, Safety, and Features</p> <p>Official operating instructions for the Streamlight Vantage 180 X USB flashlight. Learn about its features, safety precautions, battery installation, charging, helmet mounting, maintenance, and warranty. Includes detailed descriptions of diagrams and multilingual content merged into English.</p>
 <p>Streamlight MegaStream USB Flashlight Operating Instructions</p> <p>Streamlight MegaStream USB Flashlight Operating Instructions is a comprehensive guide for the Streamlight MegaStream USB flashlight. It includes detailed information about the flashlight's features, safety precautions, charging, battery installation, general operation, product use, warranty information, and service options. The guide is written in English and is suitable for the Streamlight MegaStream USB flashlight.</p>	<p>Streamlight MegaStream USB Flashlight Operating Instructions</p> <p>Comprehensive operating instructions for the Streamlight MegaStream USB flashlight, including safety precautions, charging, battery installation, general operation, product use, warranty information, and service options.</p>
 <p>Streamlight Protac 2.0 Rail Mount Tactical Weapon-Mounted Flashlight</p> <p>Streamlight Protac 2.0 Rail Mount Tactical Weapon-Mounted Flashlight is a high-lumen tactical weapon-mounted flashlight. It features a USB-C rechargeable battery, multiple output modes, a programmable switch, and a durable construction. The flashlight is designed for use on a rail mount and is suitable for law enforcement and other professional applications. It includes specifications, included accessories, and warranty.</p>	<p>Streamlight Protac 2.0 Rail Mount Tactical Weapon-Mounted Flashlight</p> <p>Detailed information on the Streamlight Protac 2.0 Rail Mount, a high-lumen tactical weapon-mounted flashlight featuring USB-C rechargeable battery, multiple output modes, programmable switch, and durable construction. Includes specifications, included accessories, and warranty.</p>
 <p>Streamlight ProTac 2L-X USB / ProTac 2L-X Operating Instructions and Specifications</p> <p>Streamlight ProTac 2L-X USB / ProTac 2L-X Operating Instructions and Specifications is a comprehensive guide for the Streamlight ProTac 2L-X USB and ProTac 2L-X tactical flashlights. It includes detailed information about the flashlights' features, battery usage, operation modes, safety warnings, warranty, and service. The guide is written in English and is suitable for the Streamlight ProTac 2L-X USB and ProTac 2L-X tactical flashlights.</p>	<p>Streamlight ProTac 2L-X USB / ProTac 2L-X Operating Instructions and Specifications</p> <p>Official operating instructions and specifications for the Streamlight ProTac 2L-X USB and ProTac 2L-X tactical flashlights. Learn about features, battery usage, operation modes, safety warnings, warranty, and service.</p>