Princeton Tec Sync

Princeton Tec Sync LED Headlamp 200 Lumens User Manual

Model: Sync | Brand: Princeton Tec

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your Princeton Tec Sync LED Headlamp 200 Lumens. Designed for outdoor activities, this headlamp offers versatile lighting modes and durable construction to support various tasks and environments.

Image: The Princeton Tec Sync LED Headlamp 200 Lumens, black in color, with its adjustable headband.

SETUP

Battery Installation

The Princeton Tec Sync Headlamp requires three (3) AAA batteries. To install or replace batteries:

1. Locate the battery compartment on the back of the headlamp unit.
2. Unscrew the battery compartment cover. The design allows for hand-loosening without tools.
3. Insert three AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.

4. Securely close the battery compartment cover by screwing it back into place.

The headlamp features a battery life indicator on the side, displaying remaining power when turned on.

> Your browser does not support the video tag.

Video: Demonstration of battery installation and battery indicator on a Princeton Tec headlamp. The video shows the user unscrewing the battery compartment by hand, inserting AAA batteries, and highlighting the blue LED battery life indicators on the side of the unit.

Headband Adjustment

The elastic headband is adjustable to ensure a comfortable and secure fit for various head sizes or when worn over headwear. Simply slide the buckle to tighten or loosen the band as needed.

OPERATING INSTRUCTIONS

Power On/Off and Mode Selection

The headlamp features a single button for power control and mode cycling. The textured surface of the button provides good grip even in wet conditions.

- **To Power On:** Press the top button once. The headlamp will typically activate in its last used mode or a default low setting.
- **To Cycle Modes:** Press the button repeatedly to switch between different light modes (e.g., low white, high white, red).
- **To Power Off:** Hold the button down for a few seconds until the light turns off.

Light Modes and Features

The Sync headlamp offers multiple lighting options for diverse needs:

- **Maxbright LED:** Provides a smooth, powerful white light suitable for a wide range of tasks.
- **Ultrabright Red LED:** Emits a smooth, red, wide-beam light ideal for close to mid-range tasks, preserving night vision and attracting fewer insects.
- **Multiple Modes:** Adjust brightness to illuminate greater distances or conserve battery power.
- **Multiple Beams:** Combines focused narrow and wide beams for versatility. Wide beams simulate daylight for close range, while narrow beams provide distance illumination.

> Your browser does not support the video tag.

Video: A brief demonstration of the Princeton Tec Sync headlamp's various light settings, including red light, low white light, and high white light modes, suitable for different outdoor activities.

MAINTENANCE

- **Cleaning:** Wipe the headlamp with a damp cloth to remove dirt or debris. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Remove batteries if the headlamp will not be used for an extended period to prevent leakage.
- **Storage:** Store the headlamp in a cool, dry place away from direct sunlight.
- **Water Resistance:** The headlamp has an IPX4 rating, meaning it is resistant to splashing water. It is not designed for submersion.

TROUBLESHOOTING

If your headlamp is not functioning as expected, consider the following:

- **No Light:** Check if the batteries are inserted correctly and are not depleted. Replace with fresh batteries if necessary.

- **Dim Light:** This usually indicates low battery power. Replace the batteries.
- **Intermittent Operation:** Ensure the battery compartment is securely closed and the contacts are clean.

SPECIFICATIONS

| Feature	Detail
Brand	Princeton Tec
Model Name	Sync
White Brightness	200 Lumens
Power Source	Battery Powered (3 AAA batteries)
Light Source Type	LED (Maxbright, Ultrabright Red)
Water Resistance Level	IPX4 (Water Resistant)
Item Weight	0.04 Pounds
Product Dimensions	5.5"D x 5.55"W x 3.5"H
Material	Other
Recommended Uses	Outdoor activities

WARRANTY AND SUPPORT

The Princeton Tec Sync LED Headlamp comes with a **5-year manufacturer's warranty**. For warranty claims, technical support, or further assistance, please contact Princeton Tec directly. Refer to the official Princeton Tec website for the most up-to-date contact information and support resources.
Manufacturer: Princeton Tec
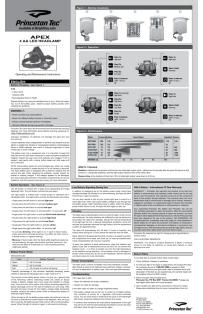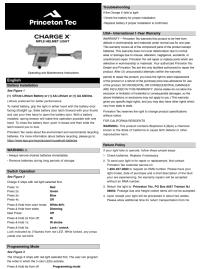
Related Documents - Sync
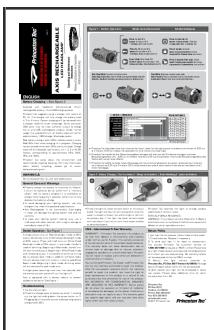
[Princeton Tec Axis Rechargeable LED Headlamp: Operating and Maintenance Instructions](#)
User guide for the Princeton Tec Axis Rechargeable LED Headlamp, detailing battery charging, switch operation, modes, troubleshooting, and warranty information.

[Princeton Tec Apex AA LED Headlamp: Operating and Maintenance Guide](#)

Comprehensive operating and maintenance instructions for the Princeton Tec Apex 4 AA LED Headlamp, covering battery installation, operation modes, performance specifications, troubleshooting, and warranty information.

[Princeton Tec SNAP RGB LED Headlamp: Operating and Maintenance Guide](#)

Comprehensive operating and maintenance instructions for the Princeton Tec SNAP RGB LED Headlamp. Learn about battery installation, switch operation, performance specifications, troubleshooting, warranty, and return policy.

[Princeton Tec BYTE LED Headlamp: Operating and Maintenance Instructions](#)

Comprehensive operating and maintenance instructions for the Princeton Tec BYTE LED Headlamp, covering battery installation, switch operation, performance specifications, troubleshooting, warranty, and return policy.

[Princeton Tec SNAP 450 RW Headlamp: Operating and Maintenance Instructions](#)

Comprehensive operating and maintenance instructions for the Princeton Tec SNAP 450 RW headlamp, covering battery installation, switch operation, performance specifications, warranty, and return policy. Includes troubleshooting tips and safety warnings.

[Princeton Tec Charge X MPLS Helmet Light - Operating and Maintenance Manual](#)

Comprehensive operating and maintenance instructions for the Princeton Tec Charge X MPLS Helmet Light, covering battery installation, switch operation, programming modes, troubleshooting, warranty, and mounting system compatibility.