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Smiling Shark TS-4

Smiling Shark TS-4 Headlamp Instruction Manual

1. INTRODUCTION

Thank you for choosing the Smiling Shark TS-4 Headlamp. This manual provides essential information for the safe and effective use of your new headlamp. The TS-4 is designed for versatile lighting in various situations, featuring strong and weak spotlights, strong and weak floodlights, and a strobe mode. Its dual-spotlight system offers pinpoint focus and extended visibility, while the 2400mAh rechargeable battery ensures long-lasting performance. Ideal for camping, hiking, fishing, DIY projects, and other nighttime activities.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Smiling Shark TS-4 Headlamp (x2)
- Type-C Charging Cable (x2)
- Packaging Box (x1)
- User Manual (x1)



Figure 2.1: Contents of the Smiling Shark TS-4 Headlamp package.

3. PRODUCT FEATURES

- **Infinite Modes, Ultimate Flexibility:** The TS-4 headlamp offers versatile lighting for any situation. It features strong and weak spotlights, strong and weak floodlights, plus a strobe mode.
- **Dual-Spotlight Design for Precision and Power:** With its unique dual-spotlight system, the TS-4 provides both strong and weak beams for pinpoint focus and extended visibility. These headlamps adapt instantly for long-range or close-up tasks.
- **Long Battery Life:** Powered by a 2400mAh rechargeable battery, the headlamp provides up to 10 hours of continuous use on a single charge, and recharges fully in just 1–2 hours.
- **Wave Sensor Hand-Free Design:** Built-in sensor chip allows for hands-free operation, enabling you to switch the light on and off with a simple wave of your hand.
- **Compact & Portable:** Designed with a comfortable and adjustable headband, the headlamp is lightweight and leaves your hands free for various activities.

Headlamp **4X** Super Bright Floodlights & **2 Spot Lights** Rotatable



2 Spot Lights



FloodLight

Figure 3.1: Smiling Shark TS-4 Headlamp overview.

5 Lighting Modes

Effective for Every Situations



Figure 3.2: The 5 versatile lighting modes.

Wave Sensor Hand-Free Design

Built-in sensor chip can be switched on & off anytime



Wave Your Hand



IP44

Waterproof

Figure 3.3: Wave Sensor for hands-free operation.

Compact & Portable

Come with comfortable and adjustable headband, the headlamp leaves your hands free for work, adventure, camping, etc.



Camping



Maintenance



Cycling



Fishing



Running



Emergency

Figure 3.4: Versatile applications of the headlamp.

4. SETUP

4.1 Adjusting the Headband

The elastic headband is adjustable to ensure a comfortable and secure fit for various head sizes. To adjust, locate the buckle on the back of the headband and slide it to tighten or loosen as needed. Ensure the

headlamp sits snugly on your forehead without being too tight.

4.2 Charging the Headlamp

The TS-4 Headlamp is equipped with a 2400mAh rechargeable battery. To charge:

1. Locate the Type-C charging port on the side of the headlamp.
2. Connect the provided Type-C charging cable to the port.
3. Plug the other end of the USB cable into a compatible USB power source (e.g., wall adapter, power bank, computer USB port).
4. The battery indicator lights will illuminate to show charging progress. A full charge typically takes 1-2 hours.
5. Once fully charged, disconnect the cable.

Dual Battery

Ultra-Long Battery Endurance

Custom dual-battery design with USB fast charging support



2400 mAh

 **8-10H** of Full Battery Life

 **1-2H** Fast Charging

Figure 4.1: Charging the TS-4 Headlamp.

5. OPERATING INSTRUCTIONS

The TS-4 Headlamp features multiple lighting modes and a wave sensor for convenient operation.

5.1 Power Button and Mode Switching

The main power button controls the various lighting modes:

1. **First Press:** Activates the strong spotlight mode (side lights).
2. **Second Press:** Switches to weak spotlight mode (side lights).
3. **Third Press:** Activates strong floodlight mode (main front light).
4. **Fourth Press:** Switches to weak floodlight mode (main front light).
5. **Fifth Press:** Activates strobe mode (main front light flashes).
6. **Sixth Press:** Turns the headlamp off.

5.2 Rotatable Spotlights

The two side spotlights can be rotated 270 degrees vertically to direct light precisely where needed. Simply manually adjust the individual spotlight units to your desired angle.

5.3 Wave Sensor Function

The headlamp includes a motion sensor for hands-free control:

1. Press the dedicated sensor button (usually indicated by a wave icon) to activate the sensor mode. A small indicator light will confirm activation.
2. Once activated, wave your hand in front of the headlamp to turn the light on or off without needing to press the power button.
3. To deactivate the sensor mode, press the sensor button again.

Your browser does not support the video tag.

Video 5.1: Official product video demonstrating the unboxing, features, and various lighting modes of the Smiling Shark TS-4 Headlamp, including its adjustable spotlights and main floodlight.

Your browser does not support the video tag.

Video 5.2: Official product video showcasing the Smiling Shark TS Headlight Series, highlighting the design and functionality of the headlamps, including the TS-4 model.

6. MAINTENANCE

6.1 Cleaning

To clean the headlamp, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the surface or electronic components. Ensure the charging port cover is securely closed before cleaning to prevent water ingress.

6.2 Battery Care

To prolong battery life:

- Charge the headlamp fully before first use.
- Avoid completely draining the battery regularly.
- If storing for an extended period, charge the battery to approximately 50% every 3-6 months.
- Store in a cool, dry place away from direct sunlight.

7. TROUBLESHOOTING

If you encounter any issues with your Smiling Shark TS-4 Headlamp, please refer to the following common solutions:

- **Headlamp not turning on:** Ensure the battery is charged. Connect the charging cable and check if the battery indicator lights up.
- **Lights are dim:** The battery may be low. Recharge the headlamp.
- **Wave sensor not responding:** Ensure the sensor mode is activated (check for the indicator light). Make sure there are no obstructions directly in front of the sensor.
- **Headlamp not charging:** Check the charging cable and USB power source for proper connection and functionality. Try a different cable or power source.

If problems persist, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Smiling Shark
Model Number	TS-4
Special Feature	Rechargeable
Color	White
Power Source	Battery Powered
Light Source Type	LED
Material	ABS
Included Components	Charging Cable
Product Dimensions	4.29"D x 2.92"W x 2.57"H
Battery Cell Composition	Lithium Polymer
Item Weight	20 Grams (0.705 ounces)
Number of Batteries	2 Nonstandard Battery batteries required. (included)
Water Resistance Level	Not Water Resistant (IP44 rating for splash resistance)
UPC	850076849269

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official Smiling Shark website. Keep your purchase receipt as proof of purchase.