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› Smiling Shark TD-0123 LED Headlight User Manual

## Smiling Shark TD-0123

# Smiling Shark TD-0123 LED Headlight User Manual

Model: TD-0123

### PRODUCT OVERVIEW

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The Smiling Shark TD-0123 is a versatile LED headlight designed for various outdoor and work activities. It features powerful white light illumination, a red tail light for safety, extended battery life, and convenient motion sensor operation. Its durable, waterproof design ensures reliable performance in diverse conditions.

# 7 x 超高輝度ホワイトライト



Figure 1: Smiling Shark TD-0123 Headlight with 7 LED strips, demonstrating 270-degree wide-angle and focused XPE beam modes. The top shows the headlight itself, featuring 7 high-brightness white LED strips. The bottom left demonstrates the 270-degree wide-angle COB light, ideal for broad area illumination. The bottom right shows the focused XPE spotlight, suitable for long-distance visibility.

## Key Features:

- **Powerful White Light:** Features 7 strip-style emitters for 270° wide-angle illumination and a 100m long-distance beam. Multiple modes including High, Low, Strobe, Side Light High, and Side Light Low.
- **Red Tail Light:** Enhances rear visibility with High Brightness and Flash modes, improving safety during night activities.

- **Extended Battery Life:** Equipped with two internal batteries (5000 mAh total), providing up to 16 hours of continuous use on a single charge.
- **Motion Sensor Operation:** Built-in sensor allows hands-free control (on/off) with a wave of the hand.
- **All-Weather Durability:** Designed with a durable, IPX4 waterproof housing, suitable for use in wet environments.

## SETUP INSTRUCTIONS

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### 1. Unpacking the Headlight

Carefully remove all components from the packaging. Ensure you have the following items:

- Smiling Shark TD-0123 LED Headlight (x2)
- USB Charging Cable (x2)
- User Manual

# パッケージリスト

## 多言語サービスチーム



24時間以内に返信し解決策を提供する  
あなたが満足するまで



スマイリーシャークライティングテクノロジー株式会社は2011年12月29日に設立されました。同社の事業範囲は以下の通り:  
照明器具、懐中電灯、電子電池、アウトドア用品、キャンプ用品など



ヘッドライトホワイトライト \*2



充電ケーブル \*2



パッケージボックス \*1



ユーザーマニュアル \*1

Figure 2: Package contents of the TD-0123 headlight, including two headlamps, two USB charging cables, the product packaging box, and a user manual.

## 2. Initial Charging

Before first use, fully charge the headlight. This ensures optimal battery performance and longevity.

1. Locate the USB charging port on the headlight.
2. Connect the provided USB charging cable to the headlight and to a 5V1A USB power adapter (not included) or a computer USB port.
3. The charging indicator lights will show the charging status. Allow 1-2 hours for a full charge.

4. Once fully charged, disconnect the cable.



Figure 3: The TD-0123 headlight connected for USB charging, illustrating its 5000mAh battery capacity and fast charging capability. It is recommended to use a 5V1A adapter.

### 3. Adjusting the Headband

The elastic headband is adjustable to fit various head sizes and can be worn over hats or helmets.

- Place the headlight on your head.
- Adjust the straps to achieve a comfortable and secure fit. The light should sit firmly without being too tight.

## OPERATING INSTRUCTIONS

### 1. Power On/Off and White Light Modes

The main power button controls the white light modes.

1. Press the power button once to turn on the headlight in High Brightness mode (COB).
2. Press again to cycle through modes: Low Brightness (COB) → Strobe (COB) → Side Light High (XPE) → Side Light Low (XPE).
3. To turn off, press the power button after cycling through all modes, or press and hold the button for 2 seconds in any mode.

# 3種類の照明モード、7種類の照明効果

最新の2023ストリップライトデザインにより、より長く、より明るい光源を提供します。



Figure 4: Various white light modes of the TD-0123 headlight, including COB high, COB low, Strobe, XPE high, and XPE low brightness settings.

## 2. Red Tail Light Operation

The red tail light is operated independently for rear visibility.

- Locate the red tail light button on the battery pack at the rear of the headband.
- Press the button once for constant red light.
- Press again for red flash mode.
- Press a third time to turn off the red tail light.

# 超目立つ赤いテールライト

スイッチを押してライトモードを変更します。(赤色光/赤色フラッシュ)



Figure 5: A cyclist using the TD-0123 headlight with the red tail light active, demonstrating improved rear visibility during night riding.

## 3. Motion Sensor Function

The motion sensor allows for hands-free control of the white light.

1. Activate the motion sensor by pressing the dedicated sensor button (usually indicated by a wave icon).
2. Once activated, wave your hand approximately 5-10 cm in front of the sensor to turn the white light on or off.
3. The motion sensor works in all white light modes (High, Low, Strobe, Side Light High, Side Light

Low).

4. To deactivate the motion sensor, press the sensor button again.



Figure 6: A user demonstrating the motion sensor feature of the TD-0123 headlight, turning the light on or off with a simple hand wave.

## MAINTENANCE

### 1. Cleaning

To maintain optimal performance and appearance:

- Wipe the headlight body with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as these can damage the surface.
- Ensure the charging port cover is securely closed after charging to maintain water resistance.

### 2. Charging Best Practices

- Always use the provided USB charging cable.
- Avoid overcharging the battery. Disconnect once fully charged.
- Charge the headlight at least once every three months if not in regular use to preserve battery health.

### 3. Storage

Store the headlight in a cool, dry place away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

| Problem                     | Possible Cause            | Solution                                                 |
|-----------------------------|---------------------------|----------------------------------------------------------|
| Headlight does not turn on. | Low battery or no charge. | Charge the headlight fully using the provided USB cable. |
| Light is dim or flickers.   | Low battery.              | Recharge the headlight.                                  |

| Problem                       | Possible Cause                       | Solution                                                                                                          |
|-------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Motion sensor not responding. | Sensor not activated or obstruction. | Ensure the sensor button is pressed. Wave hand within 5-10 cm of the sensor. Clean any dirt from the sensor area. |
| Headlight not charging.       | Faulty cable or power source.        | Try a different USB cable or power adapter. Ensure connections are secure.                                        |

## SPECIFICATIONS

| Feature             | Detail                                                                                           |
|---------------------|--------------------------------------------------------------------------------------------------|
| Model               | TD-0123                                                                                          |
| Power Source        | Battery powered (USB rechargeable)                                                               |
| Battery Capacity    | 5000 mAh (2x 2500 mAh internal batteries)                                                        |
| Material            | ABS                                                                                              |
| Product Dimensions  | 13 cm (D) x 6.5 cm (W) x 5.5 cm (H)                                                              |
| Waterproof Level    | IPX4 (Water-resistant)                                                                           |
| Illumination Range  | Up to 100 meters                                                                                 |
| Light Modes         | White Light: High, Low, Strobe, Side Light High, Side Light Low; Red Tail Light: Constant, Flash |
| Special Features    | Motion Sensor, 270° Wide-angle COB light                                                         |
| Included Components | Headlight, USB Charging Cable                                                                    |
| Manufacturer        | Ninghai County Smiling Shark Outdoor Company                                                     |
| Country of Origin   | China                                                                                            |

## WARRANTY INFORMATION

Smiling Shark products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the product packaging or contact customer support for specific warranty duration and terms.

## CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact Smiling Shark customer support through the retailer where the product was purchased or visit the official Smiling Shark website for

contact information.

We are committed to providing a satisfactory resolution within 24 hours.