sofirn SK400220

sofirn SK40 Tactical Flashlight

INSTRUCTION MANUAL

Brand: sofirn | Model: SK400220

1. Setup

Before initial use, please follow these steps to prepare your sofirn SK40 flashlight:

1. **Unboxing:** Carefully remove all components from the packaging. The box should contain the SK40 flashlight, a 21700 battery (pre-installed), a USB-C charging cable, a lanyard, and a belt clip.
2. **Battery Installation:** The battery is pre-installed. To activate it, unscrew the tail cap and remove the small orange insulating disc located between the battery and the contact point. Re-screw the tail cap firmly.
3. **Initial Charging:** For optimal performance, fully charge the battery before first use. Connect the included USB-C cable to the flashlight's Type-C charging port (located under a rubber flap on the side) and to a compatible USB power source. The side indicator light will show red while charging and turn green when fully charged.
4. **Attaching Lanyard/Clip:** Attach the included lanyard to the tail cap for secure carrying. The removable belt clip can be attached to the flashlight body as desired for convenient pocket or belt carry.



Image: Sofirn SK40 Tactical Flashlight with included USB-C charging cable.

2. Operating

The sofirn SK40 features a dual-switch design and programmable modes for versatile operation:

Dual Switch Operation:

- **Tail Switch:** A clicky tactical tail switch provides instant on/off functionality and momentary operation, crucial for quick activation in tactical situations.
- **Side Switch:** A convenient electronic side switch allows for easy mode cycling and access to special functions for everyday use.

Programmable Modes:

The SK40 offers two main modes: Duty Mode and Tactical Mode. You can switch between these modes by long-pressing the side switch from the ON state until the light blinks twice, indicating the mode change.

Duty Mode:

Ideal for general use, camping, patrolling, and everyday tasks. In Duty Mode, you can cycle through multiple brightness levels and special modes:

- **Brightness Levels:** Eco (10 lumens), Low (150 lumens), Medium (500 lumens), High (1500-3200 lumens). Single click the side switch from ON to cycle.
- **Turbo:** Double click the side switch from any brightness level to activate Turbo (3200 lumens).
- **Strobe:** Triple click the side switch from ON to activate Strobe.
- **SOS:** From Strobe, double click the side switch to activate SOS.
- **Beacon:** From SOS, double click the side switch to activate Beacon.
- **Moonlight (Eco from OFF):** From OFF, press and hold the side switch while simultaneously half-pressing the tail switch to directly access Eco mode.

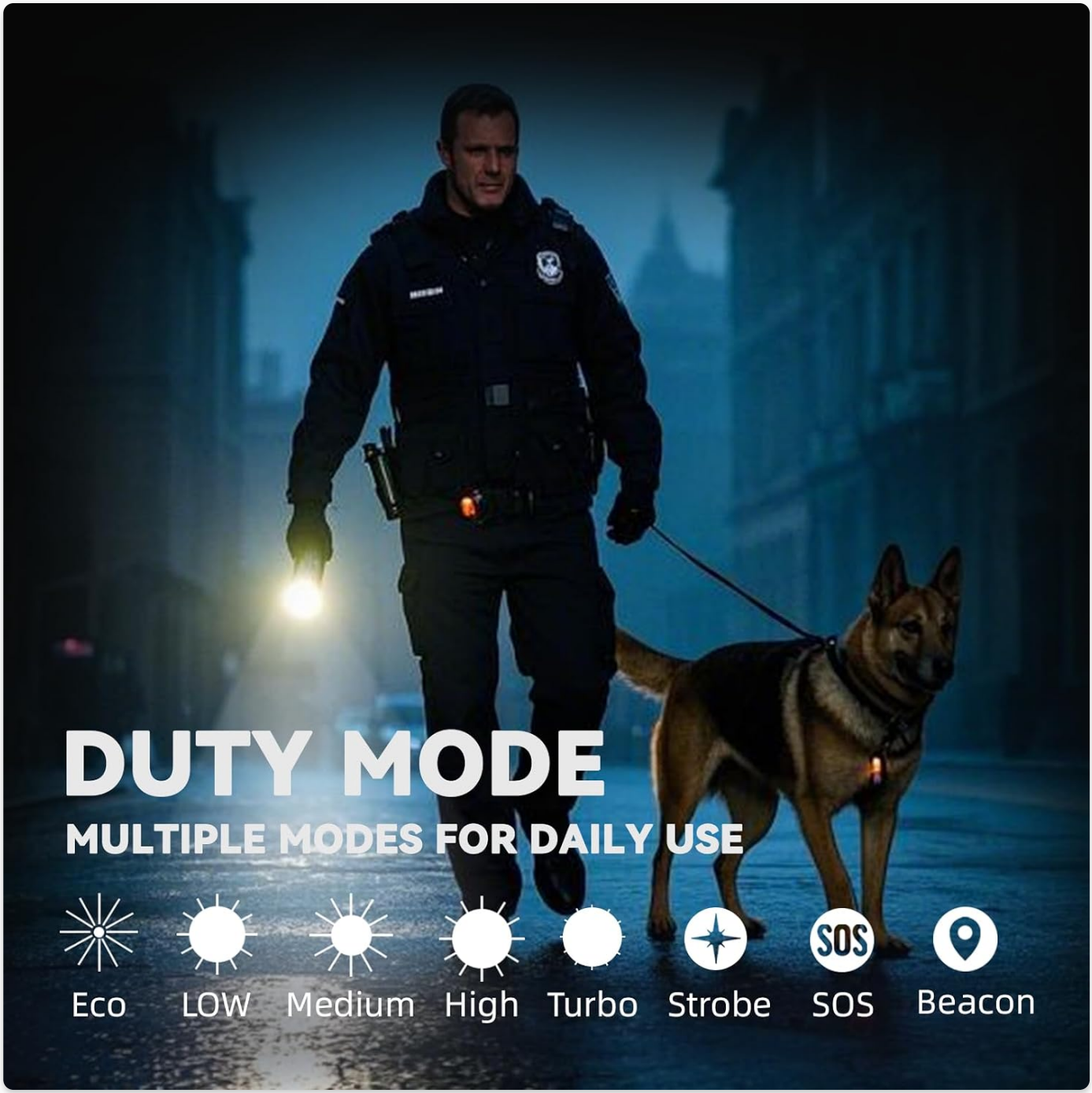


Image: Sofirn SK40 in Duty Mode, illustrating available brightness levels and special functions.

Tactical Mode:

Designed for situations requiring immediate maximum output or defensive functions, such as tactical training or self-defense scenarios.

- **Instant Turbo:** From OFF, a full click of the tail switch activates Turbo (3200 lumens).
- **Momentary Strobe:** From OFF, a half-press of the tail switch activates Strobe. Release to turn off.
- **Brightness Levels:** Single click the side switch from ON to cycle between Medium and Turbo.
- **Special Modes:** Double click the side switch from ON to cycle through Strobe, SOS, and Beacon.



Image: Sofirn SK40 in Tactical Mode, highlighting quick access to high-intensity and defensive light functions.

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Video: Official Sofirn SK40 operation guide demonstrating the dual switch and mode functionalities.

3. Maintenance

Proper maintenance ensures the longevity and optimal performance of your sofirn SK40 flashlight:

- **Cleaning:** Regularly clean the flashlight body with a soft, damp cloth. For the lens, use a lens cleaning cloth to avoid scratches.
- **Battery Care:** The 21700 Lithium Polymer battery should be charged regularly, especially if the flashlight is not used for extended periods. Avoid completely draining the battery to prolong its lifespan.
- **O-Ring Maintenance:** Periodically inspect the O-rings for wear and tear. Apply a thin layer of silicone grease to the O-rings to maintain their waterproof seal. Replace worn O-rings with the provided spares.
- **Thread Lubrication:** Apply a small amount of silicone grease to the threads of the tail cap to ensure smooth operation and prevent wear.



Image: Sofirn SK40 demonstrating convenient Type-C charging and battery indicator lights.

4. Troubleshooting

If you encounter any issues with your sofirn SK40, please refer to the following common troubleshooting tips:

- **Flashlight Not Turning On:**
  - Ensure the battery insulating disc has been removed from the tail cap.
  - Check if the battery is fully charged.
  - Verify that the tail cap is screwed on tightly.
  - Clean the battery contacts and threads with a clean cloth.
- **Dim or Flickering Light:**
  - Recharge the battery.
  - Ensure the battery is inserted correctly with the positive (+) end towards the head.
  - Clean the battery contacts and threads.
- **Charging Issues:**
  - Try a different USB-C cable or power adapter.
  - Ensure the charging port is clean and free of debris.

5. Specifications



Image: Sofirn SK40's impressive brightness and long-range throw capabilities.

Feature	Value
Special Feature	Weatherproof
Color	Black
Power Source	Battery Powered
Light Source Type	LED
Material	Aluminum
White Brightness	3200 Lumens
Product Dimensions	1.57"D x 5.77"W x 1.57"H

Feature	Value
Light Path Distance	580 Meters
Battery Cell Composition	Lithium Polymer
Number of Batteries	1 AA batteries required. (included)
Item Weight	11.6 ounces
IP Rating	IP68 (Waterproof up to 1 meter)
Drop Resistance	1 Meter

6. Warranty and Support

The sofirn SK40 Tactical Flashlight comes with a limited warranty. For any product inquiries, troubleshooting assistance beyond this manual, or warranty claims, please contact sofirn customer support.

Refer to your purchase documentation or the official sofirn website for specific contact details and the full warranty policy.

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