Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

sofirn SK1

Sofirn SK1 LED Flashlight User Manual

Model: SK1

1. Introduction

Thank you for purchasing the Sofirn SK1 LED Flashlight. This high-performance tactical flashlight is designed for reliability and versatility, offering 1300 lumens of brightness, a 479-meter beam distance, and multiple lighting modes. Its robust construction, USB-C rechargeable battery, and magnetic rotary switch make it an ideal tool for outdoor activities, emergency situations, and daily use. Please read this manual carefully before using the flashlight to ensure proper operation and maintenance.



Image: The Sofirn SK1 tactical flashlight demonstrating its long-range beam in a concrete environment, highlighting its 479m range and 1300 lumens output.

2. Package Contents

Please check the package for the following items:

- Sofirn SK1 LED Flashlight
- 18650 Li-ion Battery (pre-installed)
- USB-C Charging Cable (not explicitly listed in 'whats_in_the_box' but implied by 'USB-C rechargeable')

- User Manual

3. Product Overview

The Sofirn SK1 features a compact and durable design, making it easy to carry and handle.



Image: A detailed view of the Sofirn SK1 flashlight, showcasing its textured body for grip, the side clip, and the magnetic rotary switch at the tail.



Image: The Sofirn SK1 flashlight displayed with its dimensions (12.97cm length, 3cm head diameter) and weight (87g), illustrating its compact size when attached to tactical gear.

4. Setup

4.1 Battery Installation

The Sofirn SK1 comes with a pre-installed 18650 Li-ion battery. Before first use, it is crucial to remove the insulating paper that protects the battery during shipping.

1. Unscrew the head of the flashlight counter-clockwise.
2. Remove the small insulating paper disc located between the battery and the internal contact.
3. Ensure the battery is inserted with the positive (+) end facing towards the head of the flashlight.
4. Screw the head back on clockwise until it is securely tightened. A loose head can prevent the flashlight from operating correctly.



Image: An important reminder graphic showing two key setup steps: ensuring the flashlight head is tightly screwed on for proper function, and removing the insulating paper from the battery compartment before first use.

4.2 Initial Charge

It is recommended to fully charge the battery before the first use to ensure optimal performance and battery life.

5. Operating Instructions

The Sofirn SK1 features a unique magnetic rotary switch at the tail cap for intuitive control.

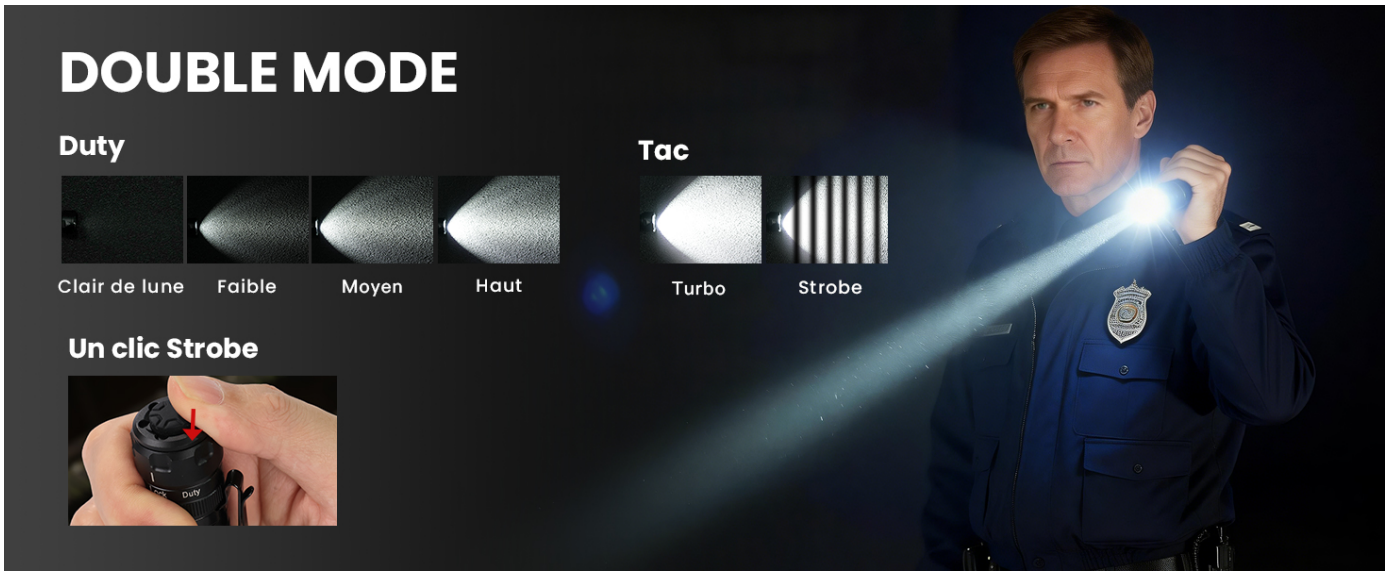


Image: A hand demonstrating the operation of the magnetic rotary switch on the Sofirn SK1, highlighting its one-click activation for Turbo and Strobe modes.

5.1 Rotary Switch Positions

The tail switch has three main positions:

- **Duty Mode:** For general illumination with multiple brightness levels.
- **Lock Mode:** Prevents accidental activation.
- **Tac Mode:** For tactical use with instant access to Turbo and Strobe.



Image: A visual representation of the dual operating modes (Duty and Tac) of the Sofirn SK1. Duty mode includes Moonlight, Low, Medium, and High brightness levels, while Tac mode offers Turbo and Strobe functions, with an inset showing the rotary switch positions.

5.2 Duty Mode Operation

When the rotary switch is set to**Duty**:

- **Turn On/Off:** Press the tail button once to turn on, press again to turn off.
- **Change Brightness:** When on, press and hold the tail button to cycle through Moonlight, Low, Medium, and High. Release the button to select the desired brightness.
- **Mode Memory:** The flashlight will remember the last used brightness level in Duty mode.



Image: A person using the Sofirn SK1 flashlight in a snowy forest at night, illustrating the daily operation modes: Moonlight (2lm), Low (20lm), Medium (240lm), and High (700lm).

5.3 Tac Mode Operation

When the rotary switch is set to**Tac**:

- **Turbo:** From off, press and hold the tail button for instant Turbo. Release to turn off.
- **Strobe:** From off, double-press the tail button for Strobe. Press once to turn off.



Image: Two individuals in tactical gear in a dimly lit, possibly abandoned building, demonstrating the quick access Turbo and Strobe functions of the Sofirn SK1 in Tactical Mode.

5.4 Lock Mode

When the rotary switch is set to**Lock**:

- The flashlight is prevented from accidental activation.
- While in Lock mode, a single press of the tail button will activate a low-level moonlight mode (locator beacon) for a brief period, indicating it is locked.



Image: The Sofirn SK1 flashlight securely stored inside a backpack, emphasizing its lockable design to prevent accidental activation during transport, with an inset showing the rotary switch set to 'Lock'.

6. Charging

The Sofirn SK1 features a convenient USB-C charging port, allowing you to recharge the battery without removing it from the flashlight.

1. Locate the USB-C port on the flashlight body.
2. Open the rubber cover protecting the USB-C port.
3. Connect the provided USB-C cable to the flashlight and plug the other end into a USB power source (e.g., wall adapter, power bank, computer).
4. The LED indicator will show the charging status:
    - **Red Light:** Charging in progress.
    - **Green Light:** Charging complete.
5. Once charging is complete, disconnect the cable and securely close the rubber cover to maintain water resistance.



Image: The Sofirn SK1 flashlight being charged via its USB-C port, connected to a power bank. The image also shows the charging indicator lights: red for charging and green for fully charged.

6.1 Battery Level Indicator

The flashlight also features a battery level indicator to keep you informed about the remaining power:

- **Solid Green:** 75% - 100%
- **Flashing Green:** 50% - 75%
- **Solid Red:** 25% - 50%
- **Flashing Red:** 0% - 25% (Please charge immediately)



Image: A construction worker using the Sofirn SK1 flashlight at a night construction site, with an overlay explaining the battery level indicator: solid green (75%-100%), flashing green (50%-75%), solid red (25%-50%), and flashing red (0%-25%).

7. Maintenance

7.1 Cleaning

- Clean the flashlight body with a soft, damp cloth.
- Do not use abrasive cleaners or solvents.
- Keep the threads and O-rings clean and lubricated with silicone grease to maintain water resistance.

7.2 Battery Care

- Store the flashlight with a partially charged battery if not used for extended periods.
- Recharge the battery every 3-6 months to prevent over-discharge.
- Replace the battery if its performance significantly degrades.

7.3 Water Resistance

The Sofirn SK1 is rated IPX8, meaning it is protected against continuous immersion in water up to 2 meters for 30 minutes. Ensure the USB-C port cover is securely closed to maintain water resistance.



Image: The Sofirn SK1 flashlight shown under simulated rain, emphasizing its IP68 waterproof rating and 1-meter drop resistance, resting on a helmet.

8. Troubleshooting

If you encounter issues with your Sofirn SK1, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flashlight does not turn on	Battery is dead or low Insulating paper not removed Head/tail cap loose Battery inserted incorrectly	Charge the battery Remove insulating paper Tighten head/tail cap Ensure positive (+) end faces head
Light is dim or flickers	Low battery Poor contact Dirty threads/contacts	Charge the battery Ensure battery is secure Clean threads and contacts

Problem	Possible Cause	Solution
Flashlight gets hot quickly	Operating in Turbo/High mode for extended periods	This is normal for high-output flashlights. The flashlight has temperature regulation to prevent overheating. Reduce brightness if uncomfortable.
USB-C charging not working	Cable or power source issue Port obstruction	Try a different USB-C cable or power source Check for debris in the charging port

9. Specifications

Feature	Specification
Model	SK1
Light Source	LED
Maximum Brightness	1300 Lumens
Beam Distance	479 Meters
Power Source	1 x 18650 Lithium-ion Battery (included)
Charging	USB-C Rechargeable
Runtime (Moonlight)	Up to 200 hours
Modes	Moonlight, Low, Medium, High, Turbo, Strobe
Switch Type	Magnetic Rotary Tail Switch
Material	AL6061-T6 Aircraft-grade Aluminum Alloy
Water Resistance	IPX8 (2 meters submersible)
Impact Resistance	1 Meter
Dimensions (L x D)	120mm x 30mm (Head)
Weight (without battery)	Approximately 87g
Color Temperature	6500 Kelvin

10. Safety Information

- Do not shine the flashlight directly into eyes. The powerful beam can cause temporary vision impairment or permanent damage.
- Keep out of reach of children.
- Do not disassemble the flashlight head as this may damage the emitter or battery.
- Avoid exposing the flashlight to extreme temperatures or direct sunlight for prolonged periods.
- Use only recommended batteries. Improper battery use can lead to fire, explosion, or injury.
- Ensure the USB-C port cover is properly sealed when not charging to maintain water resistance.

11. Warranty and Support

Sofirn products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please contact your retailer or visit the official Sofirn website. Please retain your proof of purchase for warranty claims.
Official Sofirn Store: Visit Sofirn Store

© 2026 Sofirn. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0DZ2BQN7F

More documents and user manuals: **https://manuals.plus/**