

LITNIT L21B SFT40

LITNIT Convoy L21B SFT40 Flashlight User Manual

Model: L21B SFT40

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your LITNIT Convoy L21B SFT40 Flashlight. Please read this manual thoroughly before operating the device and retain it for future reference.



Image 1.1: The LITNIT Convoy L21B SFT40 Flashlight shown alongside its included D21/H70 5000mAh battery.

2. PRODUCT FEATURES

- **LED:** LUMINUS SFT40 for high brightness and long-range throw.
- **Material:** Durable Aluminum Alloy construction.
- **Driver:** Advanced 12-group driver with a maximum current output of 8000mA and integrated temperature protection management.
- **Lens:** Ar-coated glass lens for improved light transmission.
- **Reflector:** Smooth reflector designed for maximum throw.
- **Low Voltage Warning:** Alerts the user when battery voltage is low.
- **Reverse Polarity Protection:** Prevents damage from incorrect battery insertion.
- **Mode Memory:** Remembers the last used brightness mode.
- **Tailstand Capability:** Allows the flashlight to stand upright on its tail cap.
- **Lightweight Design:** Weighs approximately 282g with battery, suitable for various applications.



Image 2.1: A detailed view of the LUMINUS SFT40 LED emitter and the smooth reflector, optimized for long-range illumination.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- LITNIT Convoy L21B SFT40 Flashlight
- 1 x D21/H70 5000mAh Lithium-Ion Battery

Note: A battery charger is **not** included and must be acquired separately. Ensure you use a compatible charger for D21/H70 5000mAh batteries.

4. SETUP AND BATTERY INSTALLATION

To prepare your flashlight for use, follow these steps to install the battery:

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert the included D21/H70 5000mAh battery into the flashlight body with the positive (+) terminal facing towards the head of the flashlight. The flashlight features reverse polarity protection, but correct insertion is always recommended.
3. Screw the tail cap back onto the flashlight body by turning it clockwise until it is securely tightened.



Image 4.1: The flashlight with its tail cap unscrewed, revealing the battery compartment and spring contact.



Image 4.2: The flashlight body and head separated, illustrating the internal threading and contacts.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **To turn the flashlight ON/OFF:** Click the switch once.
- **To select a mode:** With the flashlight ON, click the switch to cycle through the available brightness modes.

5.2 Advanced Mode Configuration (12 Groups)

The flashlight features a versatile 12-group mode interface. To enter the configuration mode:

1. Turn the flashlight ON.
2. Quickly tap the switch 20 times. The flashlight will flash to indicate it has entered configuration mode.
3. Once in configuration mode, you have two main options:

Option 1: Select a Mode Group

Tap the switch (normal-flash) a specific number of times to select a mode group. The flashlight will flash to confirm the selection. If no operation is performed, the flashlight will exit configuration mode and revert to Option 2.

Sub-option 1.1 (normal-flash 1 time): Select mode group 1 (0.1%, 1%, 10%, 35%, 100%, strobe, biking, battery-

check)

Sub-option 1.2 (normal-flash 2 times): Select mode group 2 (0.1%, 1%, 10%, 35%, 100%)

Sub-option 1.3 (normal-flash 3 times): Select mode group 3 (100%, 35%, 10%, 1%, 0.1%)

Sub-option 1.4 (normal-flash 4 times): Select mode group 4 (1%, 20%, 100%, strobe, biking, battery-check, SOS)

Sub-option 1.5 (normal-flash 5 times): Select mode group 5 (1%, 20%, 100%)

Sub-option 1.6 (normal-flash 6 times): Select mode group 6 (100%, 20%, 1%)

Sub-option 1.7 (normal-flash 7 times): Select mode group 7 (0.1%, 1%, 10%, 50%, strobe, biking, battery-check, SOS)

Sub-option 1.8 (normal-flash 8 times): Select mode group 8 (0.1%, 1%, 10%, 50%)

Sub-option 1.9 (normal-flash 9 times): Select mode group 9 (50%, 10%, 1%, 0.1%)

Sub-option 1.10 (normal-flash 10 times): Select mode group 10 (1%, 10%, 35%, 100%)

Sub-option 1.11 (normal-flash 11 times): Select mode group 11 (100%, 20%, strobe)

Sub-option 1.12 (normal-flash 12 times): Select mode group 12 (100% only)

Option 2: Activate/Deactivate Mode Memory

Tap the switch (normal-flash) 2 times to toggle the mode memory function. If mode memory is active, the flashlight will turn on in the last used mode. If inactive, it will always start in the first mode of the selected group.

5.3 Battery Check Instructions

The flashlight provides a visual indication of the battery's charge level:

- **<2.95V:** 1 flash
- **2.95-3.25V:** 2 flashes
- **3.25-3.55V:** 3 flashes
- **3.55-3.85V:** 4 flashes
- **>3.85V:** 5 flashes



Image 5.1: A user holding the Convoy L21B SFT40 Flashlight, demonstrating its ergonomic design.



Image 5.2: The powerful beam of the flashlight cutting through the darkness, highlighting its long-range capability.



Image 5.3: The flashlight's focused beam projecting upwards, demonstrating its impressive throw.

6. MAINTENANCE

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Lubrication:** Periodically apply silicone grease to the O-rings and threads to maintain water resistance and smooth operation.
- **Battery Care:** Remove the battery if the flashlight will not be used for an extended period to prevent leakage. Store batteries in a cool, dry place.
- **Lens Care:** Clean the lens with a lens cleaning cloth and solution to maintain optimal light output.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Flashlight does not turn on.	◦ Battery is depleted. ◦ Battery inserted incorrectly. ◦ Tail cap or head not tightened.	◦ Charge or replace the battery. ◦ Reinsert battery with positive (+) terminal towards the head. ◦ Ensure tail cap and head are fully tightened.
Light output is dim or flickers.	◦ Low battery charge. ◦ Loose connections. ◦ Dirty contacts.	◦ Charge the battery. ◦ Tighten all parts of the flashlight. ◦ Clean battery contacts and flashlight springs with a clean cloth.
Cannot change modes.	◦ Switch malfunction. ◦ Incorrect operation.	◦ Refer to Section 5.2 for advanced mode configuration. ◦ Contact customer support if the issue persists.

8. SPECIFICATIONS

Parameter	Value
Material	Aluminum Alloy
LED	LUMINUS SFT40
Low Voltage Warning	Yes
Reverse Polarity Protection	Yes
Lens Type	Ar-coated glass lens
Reflector	Smooth
Mode Memory	Yes
Tailstand	Yes
Battery Included	1x D21/H70 5000mAh battery
Flux (Max)	2000LM
Color Temperature (Tc)	6500K
Illuminance (Max)	395KCD
Range (Max)	1258 meters
Driver	12 groups, max 8000mA, Temperature protection management
Dimensions (Length / Head diameter / Body diameter)	170.5mm / 62.6mm / 26.1mm
Net Weight	212g

9. WARRANTY AND SUPPORT

Your LITNIT Convoy L21B SFT40 Flashlight comes with a**1-year quality warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use.

For warranty claims, technical support, or any inquiries regarding your product, please contact your retailer or the manufacturer directly. Please have your purchase receipt and product model number ready when contacting support.

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