

Relybo SHC228

Relybo SHC228 LED Flashlight User Manual

Model: SHC228

1. PRODUCT OVERVIEW

The Relybo SHC228 LED Flashlight is a versatile and powerful lighting tool designed for various applications, including outdoor activities, emergencies, and general use. It features a high-performance LED chip, multiple lighting modes, continuous dimming, and a rechargeable battery with power bank functionality.



Figure 1: Relybo SHC228 LED Flashlight with its main features.

Key Features:

- **Ultra-Powerful LED:** Equipped with an XHM100 LED chip for high light density and stability, effective in low visibility conditions.
- **Dual Switches & 10 Modes:** Offers a top switch for main light (High/Continuous Dimming/Strobe/SOS) and a bottom switch for COB camping light (High/Medium/Breathing Light) and warning lights (Red/Blue/Alternating Red & Blue).
- **Continuous Dimming:** Smoothly adjust brightness from 50 to 500,000 lumens.
- **LCD Display & Rechargeable:** Clear LCD shows battery percentage. USB-C rechargeable with power bank function for emergency phone charging.

- **IPX6 Waterproof:** Constructed from aerospace-grade aluminum, shock-resistant, scratch-resistant, and IPX6 waterproof.
- **Versatile Design:** Integrated hanging hook and 1/4" tripod mount for hands-free use.

2. PACKAGE CONTENTS

Please check the package to ensure all items are present:

- 1 x Relybo SHC228 LED Flashlight
- 1 x Relybo 5000mAh Rechargeable Battery
- 1 x USB Type-C Charging Cable
- 1 x User Manual
- 1 x Lanyard
- 1 x Gift Box (packaging)



Figure 2: Included components in the Relybo SHC228 package.

3. SETUP

3.1 Battery Installation

1. Remove the transparent protective film from the battery.
2. Unscrew the tail cap of the flashlight.
3. Insert the Relybo 5000mAh rechargeable battery with the positive (+) pole facing towards the flashlight head.
4. Screw the tail cap back on securely.



Figure 3: Battery installation steps.

3.2 Initial Charging

Before first use, fully charge the flashlight battery. The LCD display will show the charging progress.

- Connect the provided USB Type-C cable to the flashlight's charging port.
- Connect the other end of the cable to a standard USB power source (e.g., wall adapter, power bank, computer USB port).
- The LCD screen will indicate the battery percentage during charging.



Figure 4: USB-C input for charging and USB-A output for power bank function.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Main Light Modes (LED)

The main light is controlled by the **top switch**.

- **Single Press:** Turns on the main light in High mode. Subsequent single presses cycle through High, Strobe, and SOS modes.
- **Press and Hold:** Activates continuous dimming. Release the button at your desired brightness level.
- **Double Press:** Activates Strobe mode.
- **Triple Press:** Activates SOS mode.
- **Press and Hold (from any mode):** Turns off the main light.



Figure 5: Main light and COB light mode controls.

4.2 Side Light Modes (COB)

The side COB light is controlled by the **bottom switch**.

- **Single Press:** Turns on the COB light in High mode. Subsequent single presses cycle through High, Medium, and Breathing Light modes.
- **Press and Hold:** Activates the warning light modes, cycling through Red, Blue, and Alternating Red & Blue flashing.
- **Press and Hold (from any mode):** Turns off the COB light.

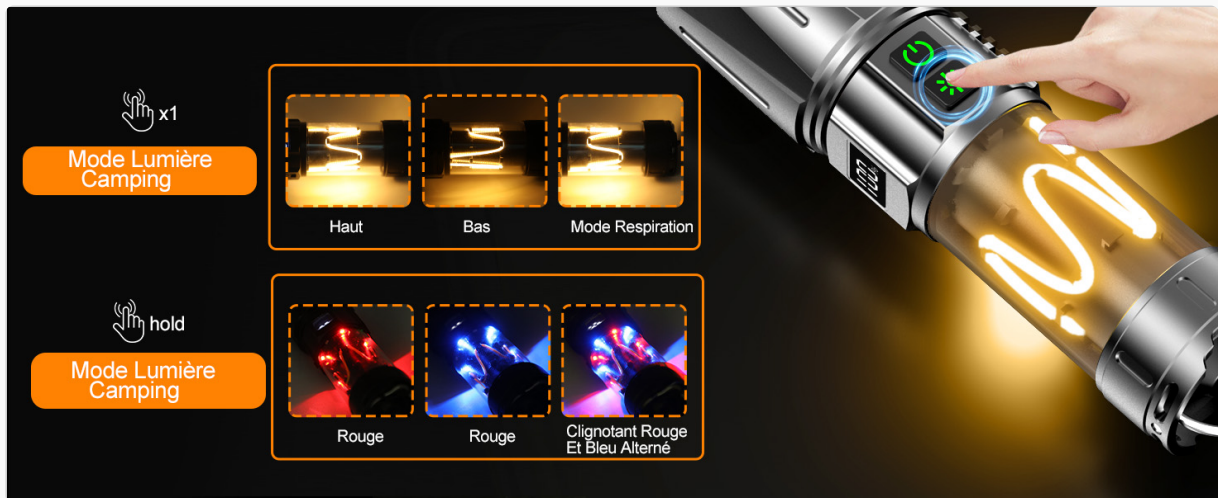


Figure 6: Side COB light and warning light modes.

4.3 Focus Adjustment

The flashlight features an adjustable focus mechanism. Extend the head of the flashlight to narrow the beam for a spotlight effect, or retract it for a wider floodlight illumination.



Figure 7: Adjusting the focus between floodlight and spotlight.

4.4 Power Bank Function

The Relybo SHC228 can act as a power bank to charge other devices in emergencies.

- Connect your device (e.g., smartphone) to the flashlight's USB-A output port using an appropriate charging cable.
- The flashlight will begin charging your device. Monitor the flashlight's battery level via the LCD display to ensure sufficient power for its own operation.

5. MAINTENANCE

5.1 Cleaning

- Wipe the flashlight body with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as they may damage the finish.
- Ensure the charging port cover is closed when not in use to maintain water resistance.

5.2 Storage

- Store the flashlight in a cool, dry place away from direct sunlight.
- If storing for extended periods, charge the battery to approximately 50% every 3-6 months to prolong battery life.



Figure 8: The flashlight's robust and IPX6 waterproof features.

6. TROUBLESHOOTING

If you encounter issues with your Relybo SHC228 LED Flashlight, please refer to the following common solutions:

- **Flashlight not turning on:** Ensure the battery is correctly installed with the correct polarity and is sufficiently charged.
- **Dim light output:** Recharge the battery. The LCD display will show the current battery percentage.
- **Charging issues:** Check the USB-C cable and power source. Ensure the cable is securely connected to both the flashlight and the power adapter.
- **Inconsistent mode changes:** Ensure you are pressing the correct switch (top for main light, bottom for COB light) and using the correct press duration (single press, double press, press and hold).

If the problem persists after attempting these steps, please contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	Relybo
Model Number	SHC228
Dimensions (L x W x H)	18.2 x 5.4 x 4.6 cm
Weight	320 grams
Material	Aluminum
Light Source Type	LED
Luminous Flux	500,000 lm
Power	50.0 W
Battery Type	Lithium-ion (1 x AAA included, 5000mAh rechargeable battery)
Water Resistance	IPX6
Special Features	2 switches, continuous dimmer, camping light, durable, shock-resistant, dustproof, anti-vibration, portable, weather-resistant, non-slip grip, adjustable lighting modes, adjustable focus, high power, rechargeable, wide range illumination, long-range illumination.

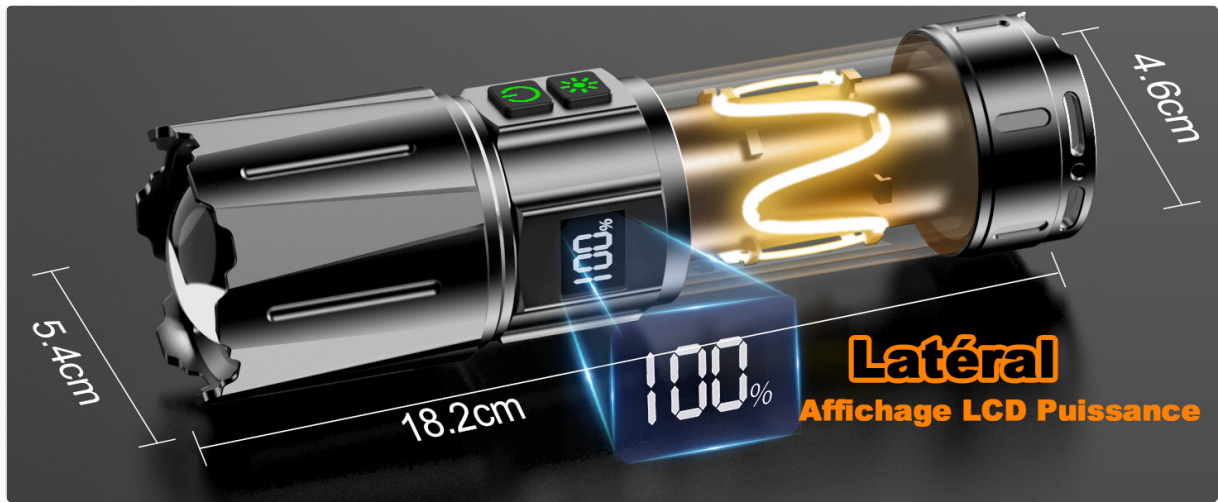


Figure 9: Physical dimensions and weight of the flashlight.

8. WARRANTY AND SUPPORT

Specific warranty details for the Relybo SHC228 LED Flashlight are not provided in the product information. For warranty claims, technical support, or any product-related inquiries, please contact the seller directly through your purchase platform.

Information regarding the availability of spare parts and guaranteed software updates is not available.