

Relybo Relybo-A05-IT

Relybo A05-IT Professional LED Flashlight User Manual

Model: Relybo-A05-IT

1. INTRODUCTION

Thank you for choosing the Relybo A05-IT Professional LED Flashlight. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new flashlight. Please read it thoroughly before use and retain it for future reference.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Relybo A05-IT Main LED Flashlight
- 1 x Rechargeable Lithium-ion Battery (5000 mAh)
- 1 x USB-C Charging Cable
- 1 x Tail Rope
- 1 x Flashlight Holster
- 1 x Mini UV Flashlight (365 nm)
- 1 x AAA Battery Holder (for main flashlight, if using AAA batteries)
- 1 x Plastic Tube (for main flashlight, for battery spacing)
- 3 x AAA Batteries (for emergency backup or mini UV flashlight)
- 1 x User Manual
- 1 x Gift Box

3. PRODUCT OVERVIEW & FEATURES

The Relybo A05-IT is a high-performance LED flashlight designed for various applications, from outdoor adventures to emergency situations. It features advanced technology for superior illumination and durability.

- **Powerful Illumination:** Equipped with a 2024 30W XHM88 LED chip, delivering up to 30,000 lumens. Capable of illuminating a 240 square meter area or focusing a beam up to 1525 meters.
- **5 Lighting Modes:** High, Medium, Low, Strobe, and SOS for versatile use in different scenarios.
- **Adjustable Focus:** Easily switch between a wide floodlight and a concentrated spotlight by extending or retracting the flashlight head.
- **Rechargeable with Digital Display:** Integrated LCD digital display shows real-time battery level. Rechargeable via USB-C from various sources (car charger, computer, power bank, USB outlet).
- **Power Bank Function:** Can be used to charge mobile phones or other USB-powered devices in emergencies.
- **Robust Construction:** Made from aerospace-grade aluminum, offering high resistance to impact, scratches, and drops (up to 6 meters).
- **Weather Resistant:** IPX5 waterproof rating with an integrated rubber ring, protecting against rain and snow.
- **Portable Design:** Features an adjustable clip for easy attachment to belts, bags, or backpacks.
- **Included Mini UV Flashlight:** A compact 365nm UV flashlight for specialized detection tasks.

**TORCIA LED POTENTE PROFESSIONALE
30W XHM88 500000 LUMENS**

Alto Medio Basso Strobo SOS

1. premere a lungo 3s per spegnere in qualsiasi modalità
2. il punto focale è il punto luce rotondo, non la griglia trasversale

LUCE DI INONDAZIONE LUCE DEL PUNTO

240 METRI QUADRATI

1525 METRI

Figure 1: Relybo A05-IT Main LED Flashlight. This image shows the overall design and robust construction of the flashlight.



Figure 2: Close-up of the XHM88 LED chip. This image highlights the advanced LED technology used in the flashlight.

4. SETUP

4.1. Battery Installation (Main Flashlight)

1. Unscrew the tail cap of the main flashlight.
2. Insert the provided 5000 mAh Lithium-ion rechargeable battery with the positive (+) end facing towards the flashlight head.
3. Alternatively, if using 3 x AAA batteries (for emergency backup), place them into the AAA battery holder, then insert the holder into the flashlight. Ensure correct polarity.
4. Screw the tail cap back on securely.

4.2. Initial Charging

Before first use, fully charge the main flashlight's Lithium-ion battery.

1. Locate the USB-C input port on the flashlight (usually covered by a rubber flap).
2. Connect the provided USB-C cable to the flashlight and plug the other end into a compatible USB power source (e.g., wall adapter, computer, power bank, car charger).
3. The LCD digital display will show the charging progress. Charge until the display indicates 100%.
4. Once fully charged, disconnect the cable and securely close the rubber flap to maintain water resistance.



Figure 3: USB-C charging input. This image illustrates how to connect the USB-C cable for charging the main flashlight.

5. OPERATING INSTRUCTIONS (MAIN FLASHLIGHT)

5.1. Power On/Off

- **To Turn On:** Press the central power button once. The flashlight will typically start in High mode.
- **To Turn Off:** Press and hold the central power button for approximately 3 seconds.

5.2. Mode Selection

While the flashlight is on, press the central power button repeatedly to cycle through the 5 modes:

High → Medium → Low → Strobe → SOS

5.3. Focus Adjustment

To adjust the beam from a wide floodlight to a narrow spotlight, gently pull the head of the flashlight outwards or push it inwards.



Figure 4: Illustration of flashlight modes (High, Medium, Low, Strobe, SOS) and adjustable focus from floodlight to spotlight. The image demonstrates the wide area illumination (240 sq meters) and long-distance beam (1525 meters).

5.4. Digital Display Interpretation

The integrated LCD digital display shows the current battery percentage, allowing you to monitor power levels at a glance.



Figure 5: Close-up of the digital battery display. This image shows the percentage indicator for the battery level.

6. CHARGING & POWER BANK FUNCTION

6.1. Recharging the Flashlight

Follow the steps in Section 4.2 to recharge the main flashlight using the USB-C port.

6.2. Using as a Power Bank

The flashlight can act as a portable power bank to charge other devices:

1. Open the rubber flap covering the USB output port (usually next to the USB-C input).
2. Connect your device's charging cable to the flashlight's USB output port.
3. The flashlight will begin charging your device. Monitor your device's charging indicator.
4. Once charging is complete, disconnect the cable and securely close the rubber flap.



Figure 6: Using the flashlight to charge a mobile phone. This image demonstrates the USB output function for charging external devices.

7. MINI UV FLASHLIGHT

The included mini UV flashlight operates independently and is useful for specific tasks:

- **Operation:** It typically uses AAA batteries (included) and has a tactical tail switch for activation.
- **Applications:** Ideal for detecting pet urine stains, authenticating currency, identifying scorpions, or inspecting minerals.
- **Focus:** This mini flashlight is also zoomable for adjusting the beam.



Figure 7: Details of the mini UV flashlight. This image shows its compact size, dimensions, and examples of its use for detecting invisible stains.

8. MAINTENANCE

8.1. Cleaning

- Wipe the flashlight body with a soft, damp cloth.
- Do not use abrasive cleaners or solvents.
- Clean the lens gently with a lens cleaning cloth to avoid scratches.

8.2. Battery Care

- For optimal battery life, avoid fully discharging the Lithium-ion battery frequently.
- If storing for extended periods, charge the battery to about 50-70% and recharge every 3-6 months.
- Ensure only rechargeable Lithium-ion batteries are charged within the main flashlight. Do not attempt to recharge

standard alkaline AAA batteries.

8.3. Storage

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

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is dead or incorrectly inserted.	Charge the battery. Check battery polarity. Ensure tail cap is fully tightened.
Light is dim or flickers.	Low battery. Loose connections.	Recharge the battery. Ensure battery and tail cap are secure.
Cannot change modes.	Button malfunction or temporary software glitch.	Turn off and on again. If problem persists, contact support.
Flashlight not charging.	Faulty cable or power source. USB-C port obstruction.	Try a different USB-C cable and power source. Check port for debris.
Power bank function not working.	Flashlight battery too low. Device cable incompatible.	Ensure flashlight battery is sufficiently charged. Try a different device cable.

10. SPECIFICATIONS

Feature	Detail
Brand	Relybo
Model Number	Relybo-A05-IT
LED Chip	2024 30W XHM88
Luminous Flux	30,000 Lumens
Beam Distance	Up to 1525 meters
Lighting Modes	High, Medium, Low, Strobe, SOS
Battery Type	1 x 5000 mAh Lithium-ion (rechargeable, included) or 3 x AAA (with holder)
Voltage	3.7 Volts
Charging Port	USB-C Input
Output Port	USB Output (for power bank function)
Material	Aerospace-grade Aluminum
Waterproof Rating	IPX5
Dimensions (L x W x H)	16.3 x 4.3 x 3.4 cm (6.4 x 1.7 x 1.3 inches)

Feature	Detail
Weight	480 grams (1.06 lbs)
Mini UV Flashlight	365 nm, Zoomable, Tactical Tail Switch



Figure 8: Exploded view of the flashlight components. This image shows the aerospace aluminum body, XHM88 lamp beads, waterproof ring, and other advanced components.

11. SAFETY INFORMATION

- Do not shine the flashlight directly into eyes, as the powerful beam can cause temporary vision impairment or damage.
- Keep out of reach of children.
- Do not disassemble the flashlight, as this may void the warranty and pose a safety risk.
- Avoid exposing the flashlight to extreme heat or fire.

- Ensure the rubber flap covering the charging ports is securely closed to maintain water resistance.
- Only use the specified rechargeable Lithium-ion battery or approved AAA batteries with the provided holder. Never attempt to charge non-rechargeable batteries.



Figure 9: Demonstrates the flashlight's IPX5 water resistance and robust design, showing it can withstand drops and harsh conditions.

12. WARRANTY AND SUPPORT

Relybo products are designed for durability and performance. For any questions, technical support, or warranty claims, please refer to the contact information provided with your purchase or visit the official Relybo website. Please retain your proof of purchase for warranty purposes.

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