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› Relybo GT221 Ultra Powerful LED Flashlight User Manual

Relybo GT221

Relybo GT221 Ultra Powerful LED Flashlight User Manual

Model: GT221 | Brand: Relybo

1. INTRODUCTION

The Relybo GT221 is an ultra-powerful LED flashlight designed for various applications, including outdoor activities, emergency situations, and general illumination. It features a high-lumen output, multiple operating modes, continuous dimming, and a durable, waterproof construction. This manual provides detailed instructions for the proper use, maintenance, and care of your flashlight.



Image 1.1: The Relybo GT221 LED Flashlight and its retail packaging.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Relybo GT221 LED Flashlight
- 1 x Rechargeable Battery (Lithium-ion)
- 1 x USB-C Charging Cable
- 1 x Lanyard
- 1 x Battery Holder
- 1 x Battery Tube
- 1 x Gift Box
- 1 x Instruction Manual (this document)



Image 2.1: All components included in the Relybo GT221 package.

3. SETUP: BATTERY INSTALLATION

Before first use, install the included rechargeable battery. Ensure correct polarity.

1. **Remove the protective film:** Carefully remove any plastic protective film from the battery before installation.
2. **Unscrew the tail cap:** Rotate the tail cap of the flashlight counter-clockwise to remove it.
3. **Insert the battery:** Place the rechargeable battery into the flashlight body with the positive (+) end facing towards the head of the flashlight.
4. **Secure the tail cap:** Screw the tail cap back on clockwise until it is firmly tightened.



Image 3.1: Visual guide for battery installation, showing removal of film, unscrewing the tail cap, inserting the battery with correct polarity, and securing the tail cap.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Mode Selection

The Relybo GT221 features two switches for versatile operation:

- **Right Switch (Power/Continuous Dimming):** Press to turn the flashlight ON/OFF. When ON, press and hold for continuous dimming.
- **Left Switch (Strobe/SOS):** Press to activate Strobe mode. Press again for SOS mode. Press a third

time to return to the previous mode.



Image 4.1: Illustration of the two-switch system and available lighting modes.

4.2 Continuous Dimming

To adjust brightness smoothly:

1. Turn the flashlight ON using the Right Switch.
2. Press and **hold** the Right Switch. The brightness will gradually increase or decrease.
3. Release the switch when the desired brightness level is reached.

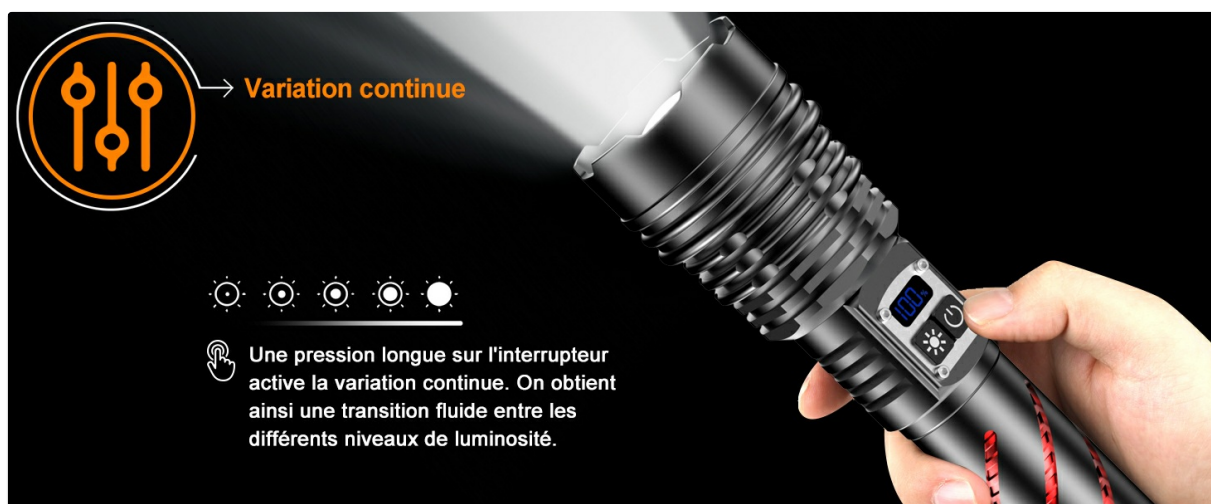


Image 4.2: How to use the continuous dimming feature for precise brightness control.

4.3 Adjustable Focus (Zoom Function)

The flashlight features a variable focus design, allowing you to switch between a wide floodlight and a concentrated spotlight beam.

- **To adjust focus:** Gently push or pull the head of the flashlight forward or backward.
- **Floodlight:** Pull the head back for a wide beam, ideal for illuminating a large area (e.g., 280m²).
- **Spotlight:** Push the head forward for a focused beam, suitable for long-distance illumination (e.g., over 1600m).



Image 4.3: Demonstrating the flashlight's ability to switch between a wide floodlight and a focused spotlight.

5. CHARGING AND POWER BANK FUNCTION

5.1 Battery Level Display

The flashlight is equipped with an LCD digital display that shows the current battery level. This display activates upon power-on, providing a precise indication of remaining charge.



Image 5.1: The LCD screen displaying the battery charge level.

5.2 Charging the Flashlight

The integrated USB-C charging port allows for convenient recharging. A USB-C cable is included.

- Connect the USB-C cable to the flashlight's charging port.
- Connect the other end of the cable to a USB power source (e.g., wall charger, car charger, computer USB port).
- The LCD display will indicate charging status.

5.3 Power Bank Function

In emergencies, the flashlight can serve as a power bank to charge other devices, such as mobile phones.

- Connect your device's charging cable to the flashlight's USB-A output port.
- The flashlight will begin charging your device.



Image 5.2: Illustrates the dual functionality of the flashlight for charging itself and acting as a power bank.

6. MAINTENANCE AND CARE

6.1 Durable Construction

The flashlight casing is constructed from aluminum alloy, providing resistance to pressure and impacts. The spiral anti-slip grip enhances handling and wear resistance.

6.2 Waterproofing

With an IPX6 waterproof rating, the flashlight features a fully sealed structure and high-density waterproof rings, making it suitable for use in various outdoor environments, including rain.



Image 6.1: The flashlight's IPX6 water resistance, suitable for use in wet conditions.

6.3 High-Performance Cooling

The flashlight incorporates a high-performance cooling system to dissipate heat efficiently, which helps prolong the lifespan of the LED and internal components.



Image 6.2: Visual representation of the flashlight's cooling design.

6.4 General Care

- Clean the flashlight with a soft, damp cloth. Do not use abrasive cleaners.
- Store the flashlight in a cool, dry place when not in use.
- If storing for extended periods, charge the battery periodically to maintain its health.

7. SAFETY INFORMATION

- **WARNING:** Do not look directly into the LED beam. The high intensity light can cause temporary vision impairment or permanent eye damage.
- Keep out of reach of children.
- Do not disassemble the flashlight, as this may void the warranty and cause damage.
- Use only the specified rechargeable battery.
- Avoid exposing the flashlight to extreme temperatures or open flames.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on	Low battery or incorrect battery installation	Charge the battery. Ensure the battery is inserted with correct polarity and the tail cap is tightened.
Light is dim	Low battery	Recharge the battery fully.
Flashlight not charging	Faulty cable or power source	Try a different USB-C cable or power adapter. Ensure connections are secure.
Power bank function not working	Low flashlight battery or incompatible device	Ensure the flashlight battery is sufficiently charged. Try with a different device or cable.

9. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	Relybo-GT221-DE
Light Source	XHM100 LED Chip
Luminosity	Up to 1,000,000 Lumens
Beam Distance	Up to 1600m (Spotlight)
Modes	High, Continuous Dimming, Strobe, SOS
Battery Type	1 x AAA Lithium-ion (included)
Charging Port	USB-C Input
Output Port	USB-A Output (Power Bank Function)
Material	Aluminum Alloy
Waterproof Rating	IPX6
Dimensions (L x W x H)	18.2 x 4.3 x 5.8 cm
Weight	540 grams

10. WARRANTY AND SUPPORT

Relybo ensures the quality of its products. If you encounter any issues or have questions regarding your Relybo GT221 LED Flashlight, please contact our customer service. Our team is dedicated to providing the best possible solution in a timely manner.

Please refer to your purchase documentation or the seller's information for specific warranty terms and contact details.