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> Ledlenser X21R torch LED, searchlight, spotlight, rechargeable Lithium LiFePO battery, 5000 lumens, focusable, X-Lens Technology, long distance beam 800 m, incl magnetic charging system, wall mounting

Ledlenser X21R

Ledlenser X21R High-Performance Flashlight User Manual

Model: X21R (501967)

Brand: Ledlenser

INTRODUCTION

The Ledlenser X21R is a high-performance rechargeable LED flashlight designed for demanding applications, offering exceptional light output and beam range. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your X21R flashlight.

Key features include a powerful 5000 lumens output, an impressive 800-meter beam range, and a long runtime of up to 40 hours. It incorporates a revolutionary Safety Ytrion Cell battery system for fast charging and extended cycle life, along with a convenient Floating Charge System for easy storage and charging.



Figure 1: The Ledlenser X21R High-Performance Flashlight.

SCOPE OF DELIVERY

Upon unboxing, please ensure all components listed below are present:

- 1 set of rechargeable batteries (LiFePO4 3x32700 battery Pack)
- Floating Charge System with wall mounting material
- Power supply unit
- Carrying strap
- Roll protection

- Tripod connector
- Hard Carry case

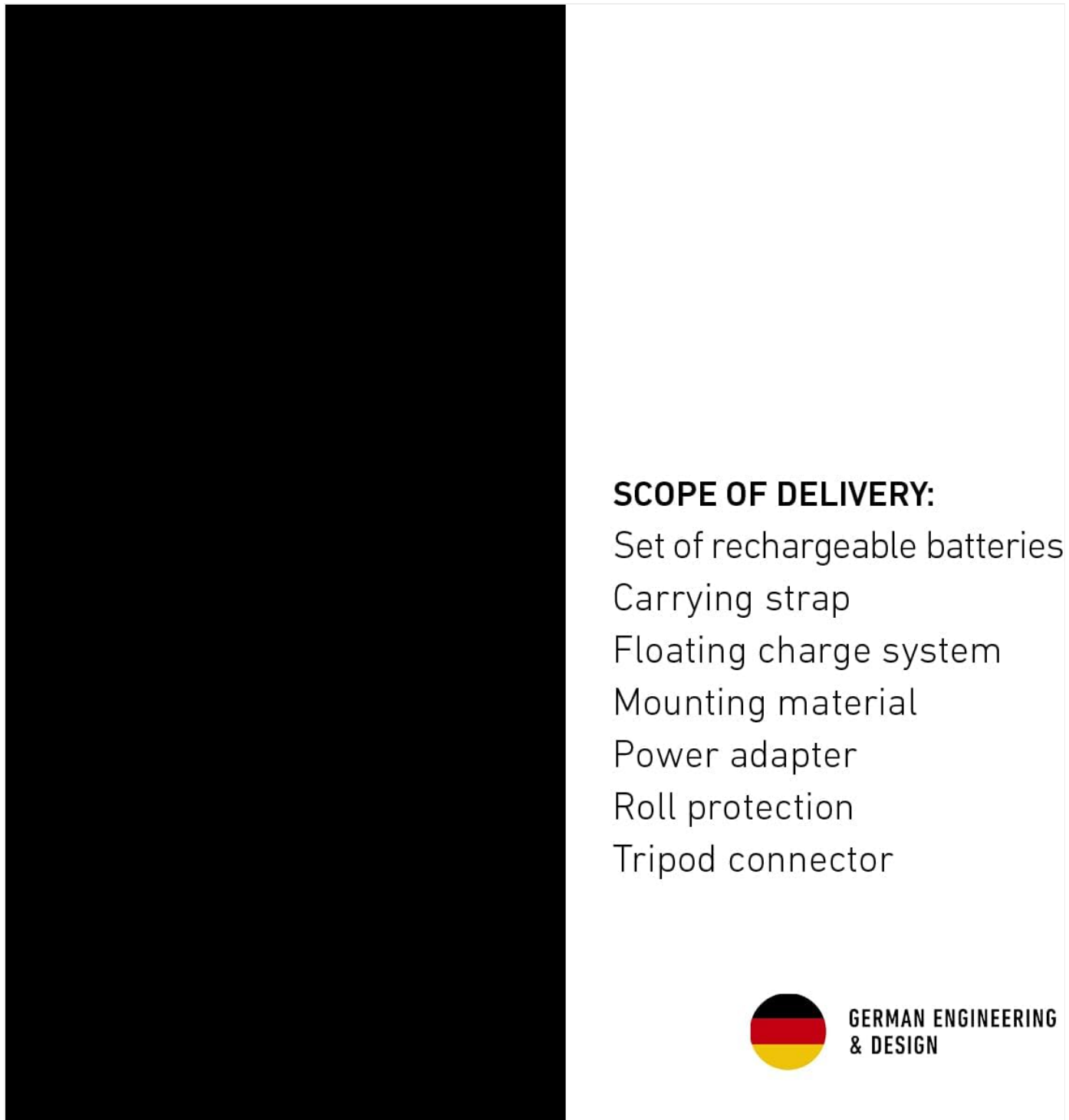


Figure 2: Illustration of the included components.

SETUP

Battery Installation and Initial Charging

1. Unscrew the tail cap of the flashlight to access the battery compartment.
2. Insert the provided LiFePO4 battery pack, ensuring correct polarity as indicated inside the compartment.
3. Securely screw the tail cap back on.
4. Connect the Floating Charge System to the power supply unit, and then plug it into a wall outlet.

5. Place the X21R flashlight into the Floating Charge System. The indicator light on the charging system will illuminate to confirm charging is in progress.
6. Allow the battery to fully charge before first use. A full charge typically takes several hours. The indicator light will change color or turn off when charging is complete.

Revolutionary rechargeable battery system **Safety Ytrion Cell** for fast charging and more than 5,000 charge cycles without any noticeable capacity loss



Figure 3: Close-up of the battery indicator on the flashlight.



Figure 4: The X21R flashlight docked in its Floating Charge System.

OPERATING INSTRUCTIONS

Power On/Off and Light Modes

The X21R features a Fast Action Switch for easy selection of light functions.

- **Power On/Off:** Press the Fast Action Switch once to turn the flashlight on. Press again to turn it off.
- **Cycling Light Modes:** With the flashlight on, press the Fast Action Switch repeatedly to cycle through the available light modes:
 - **Power:** Standard high output.
 - **Low Power:** Reduced output for extended runtime.
 - **Boost:** Maximum momentary output (hold switch).
 - **Blink:** Regular flashing.
 - **Position:** Short, intermittent flashes.

- **Strobe:** Rapid, disorienting flashes.
- **S.O.S.:** Morse code distress signal.
- **Focus Adjustment:** The X21R features X-Lens Technology for focusability. Slide the head of the flashlight forward or backward to adjust the beam from a wide floodlight to a narrow spotlight.

Extreme beam range of 800 m thanks to High Intensity LEDs and adjustable focus



Figure 5: The seven high-intensity LEDs of the X21R, enabling its extreme beam range and adjustable focus.



Figure 6: Demonstrating the X21R's long-distance beam capability.

MAINTENANCE

Cleaning and Care

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** For optimal battery life, store the flashlight with a partial charge if not used for extended periods. Recharge fully every 3-6 months to prevent deep discharge.
- **Water Resistance:** The X21R has an IP54 rating, meaning it is protected against dust ingress and splashing water from any direction. It is not designed for submersion. Ensure all caps and seals are properly closed before exposure to water.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted or not properly installed.	Charge the battery fully. Ensure the battery pack is correctly inserted and the tail cap is tightened.
Light output is dim.	Battery is low.	Recharge the battery.
Charging indicator not working.	Charging system not connected or faulty.	Check power connections. Ensure the flashlight is correctly seated in the Floating Charge System.

Problem	Possible Cause	Solution
Beam does not focus properly.	Mechanism might be obstructed or dirty.	Gently clean the focusing mechanism area. Avoid forcing the mechanism.

SPECIFICATIONS

Feature	Detail
Model	X21R (Item model number: 501967)
Light Source	LED
Luminosity (Max)	5000 lumens
Luminosity (Min)	200 lumens
Beam Range (Max)	800 meters (0.5 miles)
Runtime (Max)	40 hours
Battery Type	1x LiFePO4 3x32700 battery Pack (9.6V, 5000 mAh)
Charging System	Floating Charge System
Water Resistance	IP54 (Water Resistant)
Material	Aluminum
Dimensions (L x D x W)	405 mm (15.95 in) Length; 1.54"D x 1.54"W x 15.94"H
Weight (incl. battery)	1315 g (46.4 oz / 2.9 pounds)
Special Features	Adjustable Light Modes, High Power, Impact Resistant, Rechargeable, Weatherproof, Focusable (X-Lens Technology), Fast Action Switch, Emergency Light Function

WARRANTY AND SUPPORT

Ledlenser products are known for their quality and durability. The X21R comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the official Ledlenser website or the warranty card included with your product.

Online product registration may extend your warranty period. Please visit the official Ledlenser website for details on product registration and warranty extension.

安心の7年保証

オンライン製品登録で、保証期間を7年へ延長。末長くご愛用いただける、こだわりのラインナップをご用意。

※一部製品を除きます

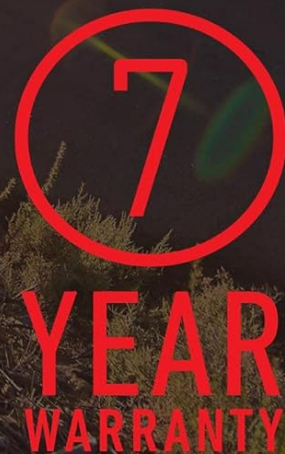


Figure 7: Information regarding Ledlenser's 7-year warranty (details may vary by region).

For technical support, spare parts, or service inquiries, please contact Ledlenser customer service through their official website or authorized distributors. Always provide your product model number (501967) and serial number when seeking support.

Visit the [Ledlenser Store on Amazon](#) for more information and product offerings.

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