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› MATEMINCO X1 Pro 1350lm LEP Flashlight User Manual

MATEMINCO X1PRO

MATEMINCO X1 Pro LEP Flashlight User Manual

Model: X1PRO

PRODUCT OVERVIEW

The MATEMINCO X1 Pro is a high-performance LEP (Laser Excited Phosphor) flashlight designed for long-range illumination, featuring additional AUX LED lighting. It is built with aerospace-grade aluminum alloy, ensuring durability and efficient heat dissipation. This portable torch is suitable for various outdoor activities including emergency situations, camping, and hunting.



Image: MATEMINCO X1 Pro LEP Flashlight in green, showcasing its compact and robust design.

PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- 1 x X1 Pro Flashlight
- 2 x O-rings (spare)
- 1 x Lanyard
- 1 x 18350 Short Tube
- 1 x Clip
- 1 x User Manual (this document)

SETUP AND BATTERY INSTALLATION

The X1 Pro flashlight operates using one 21700 or one 18350 battery (not included). A high-drain flat-top battery is recommended for optimal performance.

1. **Unscrew the Tail Cap:** Gently unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. **Insert Battery:** Insert the recommended 21700 battery with the positive (+) terminal facing towards the head of the flashlight. If using an 18350 battery, first insert it into the provided 18350 short tube, then insert the tube with the battery into the flashlight, ensuring the positive (+) terminal faces the head.
3. **Secure Tail Cap:** Screw the tail cap back on clockwise until it is fully tightened. Ensure a secure connection to prevent water ingress and ensure proper electrical contact.
4. **Attach Lanyard/Clip (Optional):** Attach the included lanyard to the tail cap or the clip to the body for convenient carrying.

OPERATING INSTRUCTIONS

The X1 Pro features a versatile user interface with multiple modes, controlled by both the tail switch and the body side switch.

Main Light Operation (LEP)

- **Turn On/Off:** Press the tail switch fully to turn the main LEP light on or off.
- **Mode Switching:** While the main light is on, use the side switch to cycle through different brightness levels.

1350M LONG RANGE



Image: The X1 Pro demonstrating its impressive 1350-meter long-range beam throw in an outdoor setting.

Auxiliary LED Operation (XBD LED)

The X1 Pro is equipped with 7 XBD LEDs, including white, red, and blue lights, for auxiliary illumination and warning signals.

- **Activating AUX LEDs:** Refer to the included physical manual for precise instructions on activating and cycling through AUX LED modes (white, red, blue, and warning lights).
- **Warning Light Function:** The red and blue XBD LEDs can function as warning lights, useful for signaling or emergency situations.

CT1MINI LEP

1350_m

Long Range

460000_{cd}

Max Intensity

1350_{Lm}

Max Lumens

CREE XDB
Red Light

7*CREE XBD
Aux LEDs

CREE XDB
Blue Light



Image: Detailed view of the flashlight head, highlighting the central CT1 mini LEP emitter and the surrounding 7 XBD auxiliary LEDs, including red and blue options.

Red and Blue Warning Light



Image: The X1 Pro displaying its red and blue warning light capabilities, illuminating a scene with distinct colored beams.

7* CREE XBD WHITE



Image: The X1 Pro illuminating an area with its 7 CREE XBD white auxiliary LEDs, providing broad area lighting.

Proper maintenance ensures the longevity and optimal performance of your X1 Pro flashlight.

- **Cleaning:** Use a soft, damp cloth to clean the flashlight body. Do not use abrasive cleaners or solvents. Clean the lens with a lens cleaning cloth.
- **O-ring Lubrication:** Periodically inspect the O-rings for wear and tear. Apply a thin layer of silicone grease to the O-rings to maintain their waterproof seal. Replace O-rings if they appear damaged or brittle.
- **Battery Care:** Remove the battery if the flashlight will not be used for an extended period to prevent battery drain or leakage. Store batteries in a cool, dry place.
- **Thread Cleaning:** Keep the threads of the tail cap and head clean. Dirt or debris can interfere with electrical contact and sealing.

TROUBLESHOOTING

If you encounter issues with your X1 Pro flashlight, please refer to the following common solutions:

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery inserted incorrectly. Battery is depleted. Loose tail cap or head. Dirty contacts.	Ensure battery is inserted with positive (+) terminal towards the head. Recharge or replace the battery. Tighten the tail cap and head securely. Clean battery contacts and flashlight threads with a clean cloth.
Light is dim or flickers.	Low battery charge. Poor contact.	Recharge the battery. Ensure tail cap and head are tight; clean contacts.
Water ingress.	Damaged or improperly seated O-rings. Tail cap or head not fully tightened.	Inspect and replace O-rings if damaged; lubricate them. Ensure all parts are securely tightened before exposure to water.

If the problem persists after trying these solutions, please contact MATEMINCO customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Product Name	Mateminco X1 Pro
LED Configuration	1 x CT1 mini LEP + 7 x XBD LED
Material	Aerospace Grade Aluminum Alloy (HardIII Anodized)
Switch Type	Clicky Switch (Tail and Body Side)
Battery Compatibility	1 x 21700 or 1 x 18350 Battery (not included, high-drain flat-top recommended)
Max Output	1350 lumens
Max Beam Intensity	460,000 cd
Max Beam Distance	1350 meters (4429 ft)

Feature	Detail
Impact Resistant	1 meter (3.28 ft)
Waterproof Rating	IPX6
Weight	187g (6.6 oz)
Dimensions (L x Head D x Body D)	151mm x 44.5mm x 28.5mm (5.94in x 1.75in x 1.12in)
Special Features	High Power, Long Range, Portable, Anti-slip knurling, Good heat dissipation ability, High-efficiency boosting constant current drive and direct drive driver.

WARRANTY AND SUPPORT

MATEMINCO products are manufactured to high standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official MATEMINCO website. Keep your purchase receipt as proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or warranty inquiries, please contact MATEMINCO customer service. Contact information can typically be found on the product packaging or the official brand website.

Manufacturer: Dongguan Tongming Photoelectric Technology Co., Ltd

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