

TrustFire MINI X3 Pro

TrustFire MINI X3 Pro EDC Flashlight User Manual

Model: MINI X3 Pro

1. INTRODUCTION

Thank you for purchasing the TrustFire MINI X3 Pro EDC Flashlight. This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before use and retain it for future reference.

2. PRODUCT OVERVIEW

The TrustFire MINI X3 Pro is a versatile 5-in-1 multifunctional flashlight designed for various applications, from daily use to emergency situations. It integrates multiple light sources and features for enhanced utility.

- **Main White Light:** Powerful 2050 lumens for general illumination with 5 brightness levels.
- **Warm White Side Light:** High Color Rendering Index (CRI95) 4000K light, ideal for reading or close-up work, with 3 brightness levels.
- **UV Light:** 365nm UV light (900mW output) for detecting invisible stains, pet urine, counterfeit currency, and mineral identification.
- **Red & Blue Warning Lights:** Flashing red and blue lights for signaling or emergency alerts, including an SOS mode.
- **Green Laser:** Class 2 green laser (<1mW output) for pointing or entertainment.
- **Durable Construction:** Made from aircraft-grade aluminum alloy, offering high shock resistance and IPX6 waterproof rating (not submersible).
- **Convenient Charging:** Built-in 2000mAh rechargeable battery with USB-C charging port and a 4-color battery level indicator.
- **Hands-Free Use:** Features a strong magnetic tail and a detachable stainless steel two-way clip for versatile attachment options.



Figure 2.1: Overview of the six integrated light sources.

3. SETUP

3.1 Initial Charging

Before first use, fully charge the flashlight. Connect the included USB-C cable to the flashlight's charging port and to a compatible USB power source (e.g., wall adapter, computer USB port).

- During charging, the indicator light will be **red**.
- When fully charged, the indicator light will turn **green**.



Figure 3.1: USB-C Charging Status Indicators.

3.2 Attaching the Two-Way Clip

The flashlight comes with a detachable stainless steel two-way clip. This clip can be attached to either end of the flashlight body, allowing for flexible carrying options on belts, pockets, or backpack straps.



Figure 3.2: Two-Way Clip for hands-free operation.

4. OPERATING INSTRUCTIONS

The MINI X3 Pro features intuitive controls for easy mode switching and brightness adjustment.

4.1 Power On/Off and Mode Selection

The flashlight has a selector switch and a central button for operation.

- **Main Light Modes (White, Warm White, Green Laser):** Long press the central button for 0.5 seconds to turn on the light. Subsequent short presses cycle through brightness levels.
- **Special Light Modes (UV, Red & Blue, Red & Blue Flashing/SOS):** Quickly double-click the central button to activate these modes. Subsequent short presses cycle through options.
- **Power Off:** Long press the central button for 0.5 seconds in any mode to turn off the flashlight.



Figure 4.1: Quick Operation Guide.

4.2 Lock/Unlock Function

To prevent accidental activation during transport or storage, the flashlight features a lock mode.

- **To Lock:** When the flashlight is off, press and hold the central button for 5 seconds. The light will flash to indicate it is locked.
- **To Unlock:** Press and hold the central button for 5 seconds. The light will flash and then turn on, indicating it is unlocked and ready for use.



Figure 4.2: Lock/Unlock Mechanism.

4.3 Battery Level Indicator

The central button also serves as a battery level indicator when the flashlight is off. A short press will display the current battery status:

- **Green:** 100% - 80%
- **Yellow:** 80% - 20%
- **Red:** 20% - 5%
- **Red Flashing:** Below 5% (recharge immediately)



Figure 4.3: Battery Level Indicator.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your TrustFire MINI X3 Pro flashlight.

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents. Keep the lens clean for optimal light output.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, charge the battery every 3-6 months to maintain battery health.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge promptly when the low battery indicator flashes red.
- **Water Resistance:** While IPX6 rated, avoid submerging the flashlight in water. Ensure the USB-C port cover is securely closed to maintain water resistance.

6. TROUBLESHOOTING

If you encounter issues with your TrustFire MINI X3 Pro, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flashlight does not turn on.	Low battery; Lock mode activated; Faulty button.	Charge the battery; Unlock the flashlight (hold button for 5s); Contact customer support if button is unresponsive.
Light output is dim or inconsistent.	Low battery; Dirty lens.	Recharge the battery; Clean the lens with a soft cloth.
Flashlight not charging.	Faulty USB-C cable or power source; Charging port obstruction.	Try a different USB-C cable and power source; Check charging port for debris.
Water ingress after exposure to water.	USB-C port cover not sealed; Submerged beyond IPX6 rating.	Ensure port cover is always sealed; Avoid submersion; Dry thoroughly if exposed to moisture.

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

7. SPECIFICATIONS

Detailed technical specifications for the TrustFire MINI X3 Pro flashlight:

Feature	Specification
Model Number	MINI X3 Pro
Brand Name	TrustFire

Feature	Specification
Material	Aluminum Alloy
Power Source	Battery Powered (Lithium Ion)
Max White Light Output	2050 Lumens
Max Warm White Output	450 Lumens
UV Light Output	900 mW (365nm)
Green Laser Output	<1 mW (Class 2)
Water Resistance Level	IPX6 (Waterproof)
Shock Resistance	1 Meter
Battery Capacity	2000mAh (Built-in)
Charging Type	USB-C
Dimensions (L x W x H)	125 x 24 x 33 mm
Item Weight	131 Grams
Included Components	USB Cable

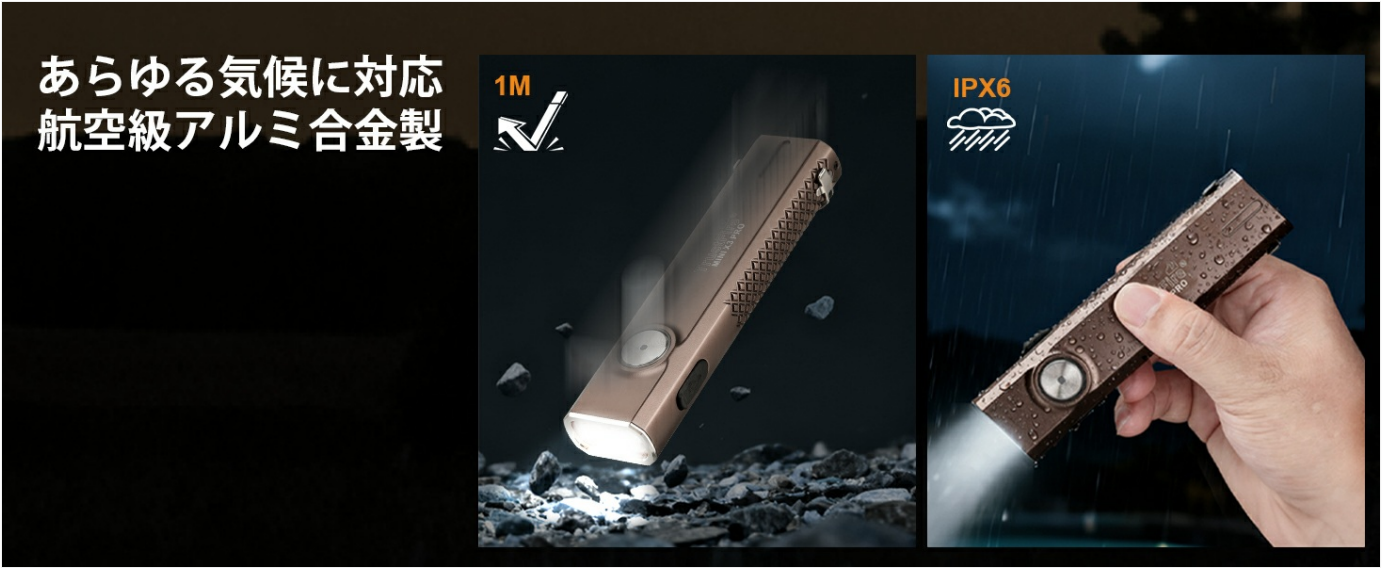


Figure 7.1: Comprehensive Product Parameters.

8. WARRANTY AND SUPPORT

TrustFire is committed to providing high-quality products and reliable customer service.

8.1 Manufacturer's Warranty

Your TrustFire MINI X3 Pro flashlight comes with a **3-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

If you have any questions, concerns, or require assistance with your product, please do not hesitate to contact our customer

support team. We are dedicated to ensuring your satisfaction.

Contact information for customer support can typically be found on the product packaging or the official TrustFire website.

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