

TrustFire Mini X3-PRO US

TrustFire Mini X3-PRO Flat EDC Flashlight User Manual

Model: Mini X3-PRO US

1. INTRODUCTION

This user manual provides detailed instructions for the safe and effective operation of your TrustFire Mini X3-PRO Flat EDC Flashlight. Please read this manual thoroughly before using the product and retain it for future reference.

2. PRODUCT OVERVIEW

The TrustFire Mini X3-PRO is a versatile flat EDC (Everyday Carry) flashlight featuring multiple lighting modes and a compact design. It is equipped with both a main white light and a side floodlight, along with specialized UV, green, red, and blue light functions.



Image: Overview of the TrustFire Mini X3-PRO features, including its various light modes, USB-C charging, and magnetic base.

Key Features:

- **6-in-1 Lighting Modes:** Includes cool white, warm white, UV, green, red, and blue lights.

- **High Brightness:** Up to 2050 lumens for the cool white main light.
- **High CRI Warm White Light:** 4000K warm white floodlight with CRI 95 for accurate color rendering.
- **UV Light:** 900mW UV light for detection purposes.
- **Green Light:** For pointing and signaling.
- **Red and Blue Lights:** For warning and signaling.
- **Magnetic Tail:** Allows for hands-free attachment to metal surfaces.
- **Pocket Clip:** For convenient carrying.
- **Rechargeable:** Integrated Type-C charging port.
- **Durable Construction:** Aluminum body with 1-meter drop resistance.

3. WHAT'S IN THE BOX

- TrustFire Mini X3-PRO Flashlight
- Type-C USB Charging Cable
- User Manual (this document)

4. SETUP

4.1 Initial Charging

Before first use, fully charge the flashlight. Connect the provided Type-C USB cable to the charging port on the flashlight and to a compatible USB power source. The battery indicator light will show charging status.

4.2 Attaching the Pocket Clip

The flashlight comes with a removable pocket clip. Attach it to the designated slot on the flashlight body for secure carrying on clothing or gear. The clip can be reversed for different carrying preferences.

5. OPERATING INSTRUCTIONS

The Mini X3-PRO features a main round button and a side switch to control its various lighting functions.

5.1 Main Light (Cool White) Operation

- **Turn On/Off:** Press and hold the round button for 0.5 seconds.
- **Cycle Brightness (Cool White):** With the main light on, single-click the round button to cycle through Candlelight (5 lumens), Low (35 lumens), Middle (100 lumens), High (500 lumens), and Super (2050 lumens).

HIGH CRI95 ILLUMINATION AND 4000K WARM WHITE LIGHT

The MINI-X3 PRO is equipped with a high color rendering index (CRI95) fill light with a 4000K color temperature. The soft, warm light source provides an even and artifact-free light halo, offering comfortable, non-glaring illumination that is easy on the eyes even during extended reading sessions.



Image: Demonstrates the different brightness levels of the 5700K cool white light, from 5 lumens to 2050 lumens, for night illumination.

5.2 Side Floodlight (Warm White) Operation

- **Activate:** Position the side switch to the bottom. Then, press and hold the round button for 0.5 seconds to turn on the warm white floodlight.
- **Cycle Brightness (Warm White):** With the warm white floodlight on, single-click the round button to cycle through Low (3 lumens), Middle (50 lumens), and High (450 lumens).



Image: The 4000K warm white light with CRI 95 provides comfortable, non-glaring illumination, ideal for reading or close-up tasks.

5.3 Green Light Operation

- **Activate:** Position the side switch to the top. Then, press and hold the round button for 0.5 seconds to activate the green light.



Image: The green light can be used for precise pointing and signaling, such as during presentations.

5.4 UV Light Operation

- **Activate:** Double-click the round button while the flashlight is off.



Image: The UV light is useful for multi-scenario applications such as detecting pet urine, authenticating currency, and observing minerals.

5.5 Red and Blue Light Modes

- **Activate:** Double-click the round button while the flashlight is off. (This will activate the UV light first, then cycle through red/blue modes with subsequent clicks).
- **Cycle Modes:** After activating UV light, single-click the round button to cycle through Red Light + Blue Light (steady), Red Flash, Blue Flash, Strobe, and SOS Mode.

FLASHLIGHT MODE INSTRUCTIONS

ROUND BUTTON		
MODE	Press and hold for 0.5 seconds	Double-click while the flashlight is off.
Position the side switch at the top.	Green Light	UV Light
Position the side switch at the center.	Cool White Light	Red Light+Blue Light
Position the side switch at the bottom.	Warm White Light	Red Flash, Blue Flash, Strobe, and SOS Mode

Image: The red and blue flashing lights can be used for outdoor warnings and SOS signals.

5.6 Mode Selection Summary Table

TECHNICAL PARAMETERS																
PERFORMANCE PARAMETER TABLE																
ANSI/FSC	Cool white light					Warm white (flood)			Red light			Blue light			Red/blue flashing	UV light
	CANDLELIGHT	LOW	MIDDLE	HIGH	SUPER	LOW	MIDDLE	HIGH	LOW	HIGH	HIGH FLASH	LOW	HIGH	HIGH FLASH		
	5 LM	35 LM	100 LM	500 LM	2050 LM	3 LM	50 LM	450 LM	4.5 LM	25 LM	25 LM	3 LM	13 LM	13 LM	/	2.5 LM
	8.5 D	30 H	10 H	2 H 50 Min	1 H 25 Min	10 D	27 H	3.2 H	33 H	7 H	14 H	35 H	11 H	22 H	22 H	4.5 H
	1.5 M	7 M	30 M	85 M	180 M	/	5 M	25 M	/	/	/	/	/	/	/	/
	0.56CD	12CD	225CD	1806CD	8100CD	/	6.25CD	156CD	/	/	/	/	/	/	/	/
	1 M															
	IPX6															
ADDITIONAL FEATURES	Intelligent temperature control, low voltage warning, battery indicator, Type-C charging															




Image: A comprehensive table outlining how to activate each lighting mode using the round button and side switch.

6. BATTERY INDICATOR

When the device is powered off, lightly tap the round switch to check the battery level. The battery indicator light will illuminate for 3 seconds, displaying the remaining power:

- **Green:** 100% - 80%
- **Yellow:** 80% - 20%
- **Red:** 20% - 5%
- **Flashing Red:** 5% - 0%

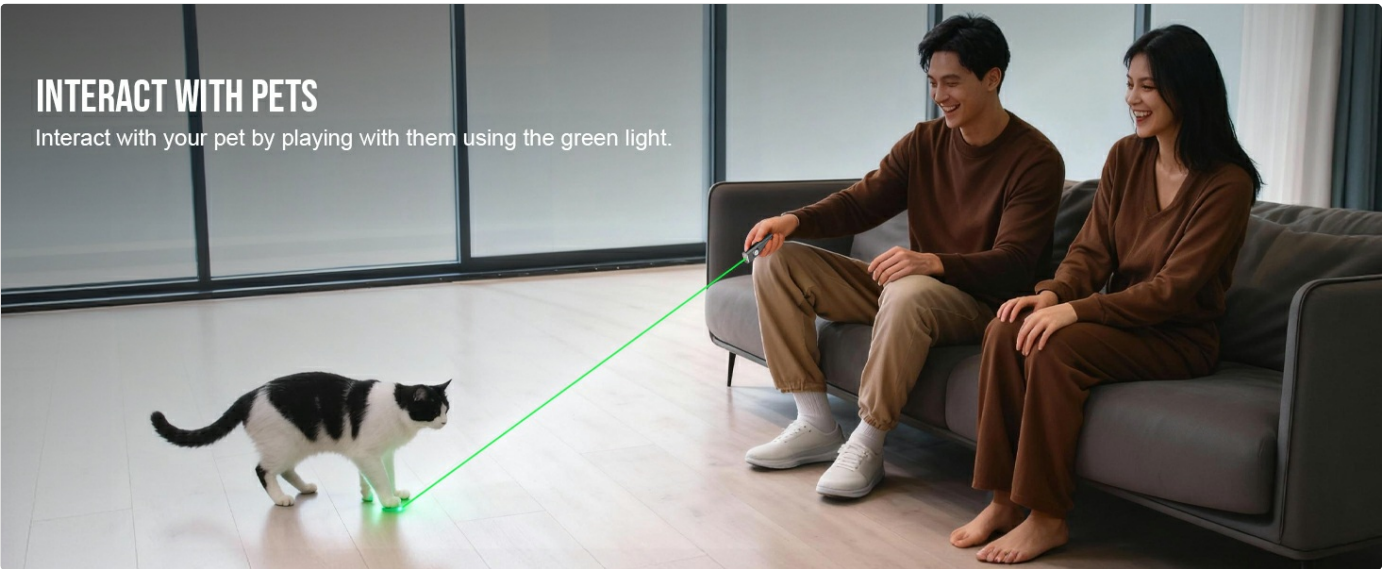


Image: Visual representation of the battery indicator colors and their corresponding power levels.

7. MAINTENANCE

- **Cleaning:** Wipe the flashlight with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Charging:** Recharge the battery regularly, even if not in frequent use, to maintain battery health.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** The flashlight has an IPX6 water resistance rating, meaning it is protected against powerful water jets. It is not designed for submersion.
- **Drop Resistance:** The aluminum body provides 1-meter drop resistance for durability.

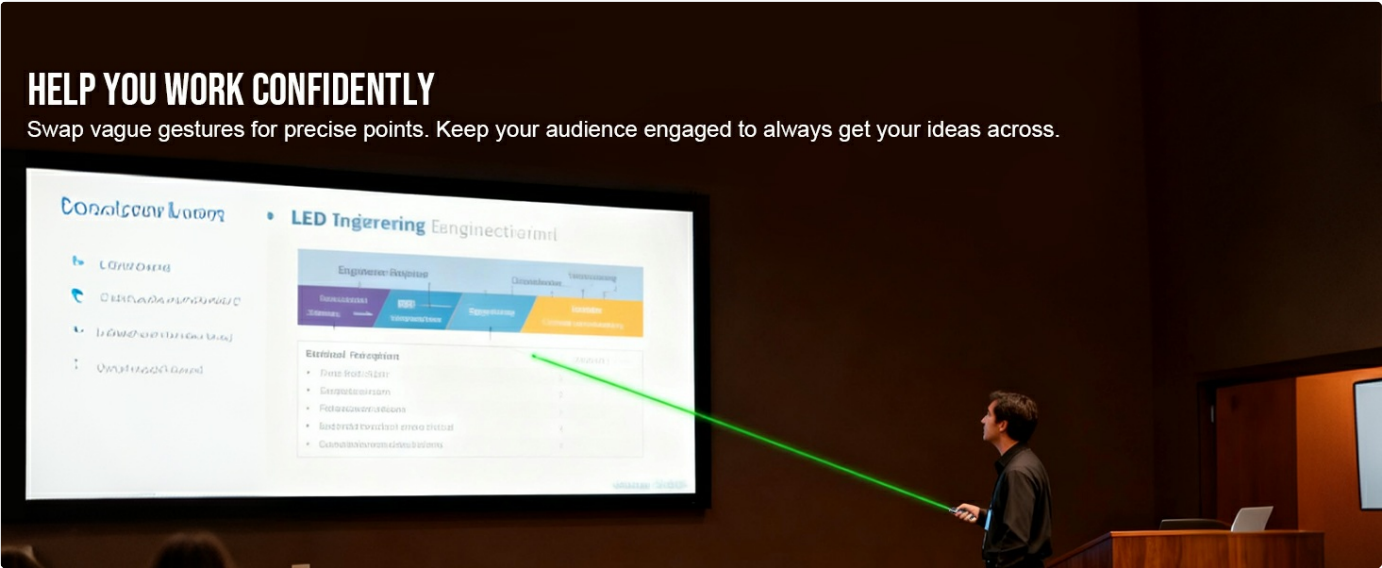


Image: The flashlight is designed with IPX6 water resistance and 1-meter drop resistance for enhanced durability.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Low battery or incorrect operation.	Charge the battery fully. Ensure the round button is pressed and held for 0.5 seconds for main light, or double-clicked for special modes.

Problem	Possible Cause	Solution
Light output is dim.	Low battery or incorrect brightness setting.	Recharge the battery. Cycle through brightness levels by single-clicking the round button.
Charging not working.	Faulty cable or power source.	Try a different Type-C cable and/or USB power adapter. Ensure the cable is securely connected.

9. SPECIFICATIONS



Image: Detailed technical specifications for all lighting modes and performance parameters.

- **Model:** Mini X3-PRO US
- **Material:** Aluminum
- **Light Source Type:** LED (Cool White, Warm White, UV, Green, Red, Blue)
- **Power Source:** Battery Powered (1 Lithium Ion battery, included)
- **Cool White Brightness:** Up to 2050 Lumens (5700K)
- **Warm White Brightness:** Up to 450 Lumens (4000K, CRI 95)
- **UV Light Power:** 900mW
- **Green Light Power:** <1mW
- **Product Dimensions:** 1.77"D x 2.16"W x 4.92"H
- **Item Weight:** 6.4 ounces
- **Water Resistance Level:** IPX6 (Protected against powerful water jets)
- **Drop Resistance:** 1 meter
- **Charging Port:** Type-C USB

10. SAFETY INFORMATION

- **Eye Safety:** Do not shine the flashlight directly into eyes or at other people or animals. The high intensity light can cause temporary vision impairment or permanent eye damage.
- **UV Light:** Avoid prolonged direct exposure to UV light.
- **Green Laser:** The green light is a low-power laser. Do not stare into the beam or point it at aircraft or vehicles.

- **Children:** Keep out of reach of children. This is not a toy.
- **Heat:** The flashlight may become warm during extended use, especially on high brightness settings. This is normal.
- **Battery:** Use only the specified battery type. Do not attempt to disassemble or modify the battery or flashlight.

11. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official TrustFire website. Keep your proof of purchase for warranty claims.

