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## TrustFire TF-L2FR-FBA

# TrustFire Mini L2 Flashlight User Manual

MODEL: TF-L2FR-FBA

## Introduction

Thank you for choosing the TrustFire Mini L2 Flashlight. This compact and powerful tactical flashlight is designed for reliability and high performance in various situations, from everyday tasks to outdoor adventures. Please read this manual carefully before using the product to ensure proper operation and to maximize its lifespan.

## Safety Information

- Do not shine the flashlight directly into eyes. The powerful beam can cause temporary vision impairment or permanent eye damage.
- Keep out of reach of children.
- Do not disassemble the flashlight head or body, as this may damage the product and void the warranty.
- Use only recommended battery types (14500 Li-ion or AA alkaline/NiMH). Mixing battery types or using damaged batteries can be dangerous.
- Remove the battery if the flashlight will not be used for an extended period to prevent battery leakage.
- Ensure the tailcap is fully tightened to maintain waterproof integrity.

## Package Contents

- 1 x TrustFire L2 Mini Flashlight
- 1 x Lanyard
- 1 x Spare O-ring
- 1 x User Manual



Image: TrustFire Mini L2 Flashlight shown alongside a 14500 Li-ion battery, illustrating the product and its power source.

## Setup

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### Battery Installation

1. Unscrew the tailcap of the flashlight by turning it counter-clockwise.
2. Insert one 14500 Li-ion battery or one AA alkaline/NiMH battery into the flashlight body with the positive (+) end facing towards the flashlight head.
3. Screw the tailcap back on clockwise until it is fully tightened. Ensure it is snug to maintain water resistance.

### Operating Instructions

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The TrustFire Mini L2 Flashlight features two main operating modes: Turbo and Low. These modes are accessed by

adjusting the tightness of the flashlight head.

### Mode 1: Turbo Mode (High Brightness)

- To activate Turbo mode, ensure the flashlight head is screwed **on firmly**.
- Press the tailcap button to turn the flashlight ON/OFF.
- **Performance:**
  - With 14500 battery: Up to 1000 lumens for approximately 45 minutes.
  - With NiMH/Alkaline AA battery: Up to 150 lumens for approximately 105 minutes.



Image: A hand holding the TrustFire Mini L2 Flashlight, illustrating its ergonomic design and compact size for easy handling.

### Mode 2: Low Mode (Lower Brightness)

- To activate Low mode, **slightly unscrew the flashlight head by about 25%** (a quarter turn).
- Press the tailcap button to turn the flashlight ON/OFF.
- **Performance:**
  - With 14500 battery: Up to 10 lumens for approximately 30 hours.
  - With NiMH/Alkaline AA battery: Up to 3 lumens for approximately 95 hours.
- You can cycle between Low and Turbo modes by repeatedly tightening and loosening the head slightly.

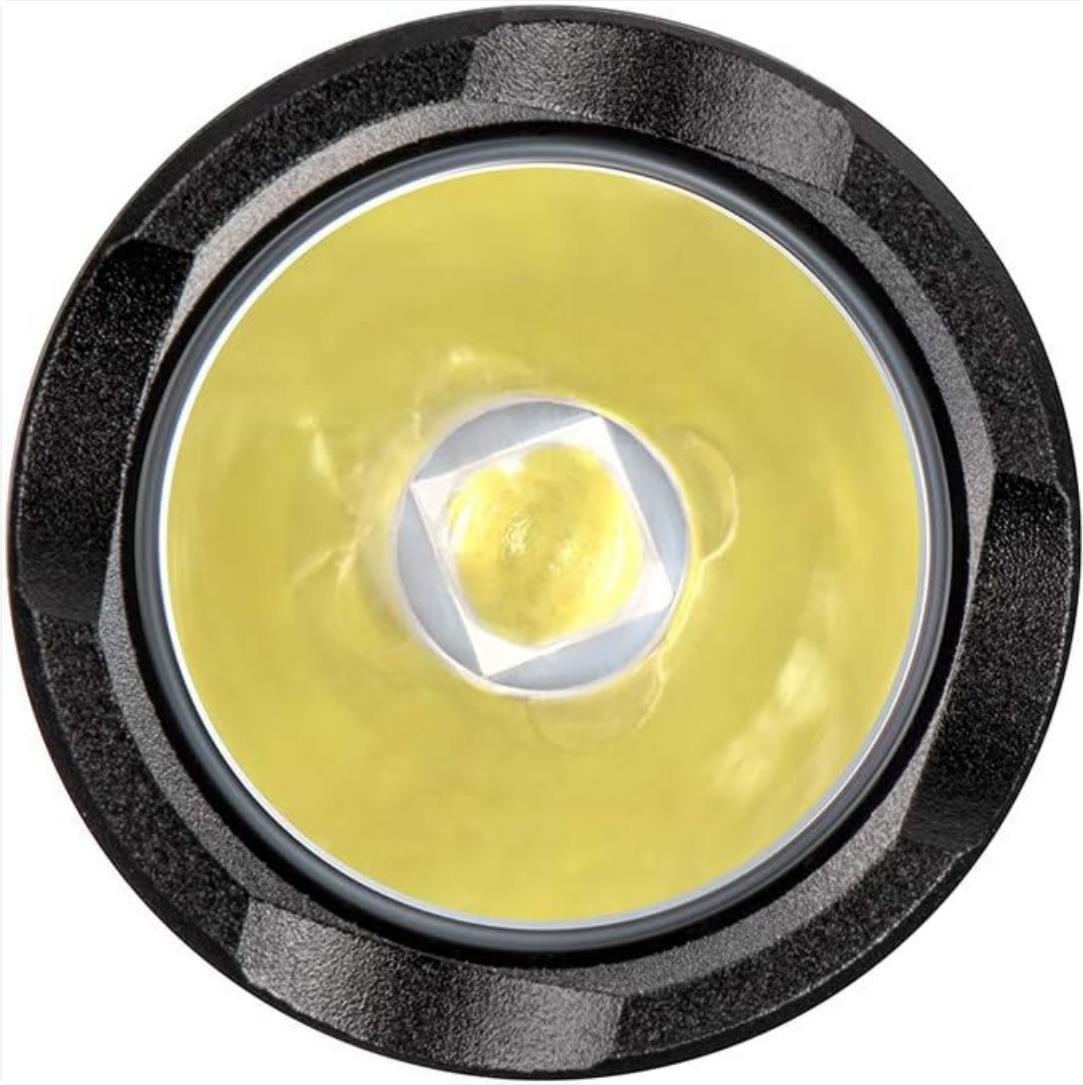


Image: A detailed view of the textured tailcap button on the TrustFire Mini L2 Flashlight, which is used for power control.

## Maintenance

- Cleaning:** Wipe the flashlight with a clean, soft cloth. For stubborn dirt, use a slightly damp cloth. Do not use abrasive cleaners or solvents.
- O-rings:** Periodically inspect the O-rings for wear and tear. Lubricate them with silicone grease to maintain waterproof integrity. Replace worn O-rings with the provided spare or suitable replacements.
- Threads:** Keep the threads of the tailcap and head clean. Lubricate them lightly with silicone grease to ensure smooth operation and prevent wear.
- Battery Care:** Store batteries in a cool, dry place. If the flashlight will not be used for an extended period, remove the battery to prevent potential damage from leakage.

## Troubleshooting

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is dead or inserted incorrectly. Tailcap is loose.	Replace battery or ensure correct polarity. Tighten tailcap firmly.
Light is dim or flickers.	Low battery. Dirty contacts. Loose head/tailcap.	Replace battery. Clean battery contacts with a cotton swab. Tighten head and tailcap.

Problem	Possible Cause	Solution
Cannot switch between modes.	Head is too tight or too loose.	Ensure the head is screwed firmly for Turbo mode or slightly loosened (approx. 25%) for Low mode.
Water ingress after exposure.	O-ring is damaged or tailcap not fully tightened.	Check and lubricate/replace O-rings. Ensure tailcap is fully tightened before water exposure.

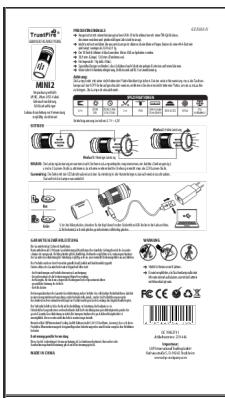
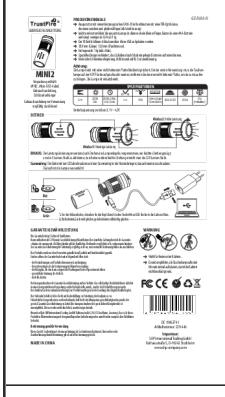
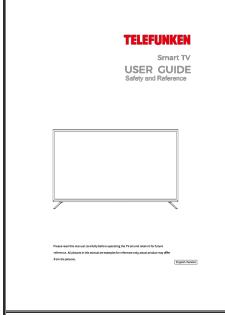
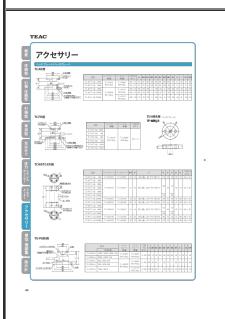
## Specifications

Feature	Detail
LED Type	CREE XP-L HD
LED Lifespan	Up to 50,000 hours
Max Output	1000 Lumens (with 14500 battery)
Operating Modes	2 (Turbo, Low)
Compatible Batteries	1 x 14500 Li-ion or 1 x AA Alkaline/NiMH
Voltage Range	1.2V / 1.5V / 3.7V / 4.2V
Dimensions (Length x Tube Diameter)	95.3 mm x 19 mm
Weight (without battery)	36 g
Material	Aerospace-grade Aluminum Alloy with Anodized Finish
Lens	Double-sided Anti-reflective Hardened Glass
Waterproof Rating	IPX8
Drop Resistance	1 Meter
Special Features	Constant Current Output, Reverse Polarity Protection, Anti-slip Body Design

## Warranty and Support

TrustFire products are manufactured to high-quality standards. For warranty information or technical support, please contact your retailer or visit the official TrustFire website. Please retain your proof of purchase for any warranty claims.

For further assistance, please refer to the contact information provided with your purchase or on the TrustFire official website.

	<p><a href="#">TrustFire MINI2 Compact LED Flashlight User Manual and Specifications</a></p> <p>Comprehensive user guide and technical specifications for the TrustFire MINI2 ultra-compact LED flashlight. Learn about its features, operation, charging, warranty, and safety information.</p>
	<p><a href="#">TrustFire MINI2 Compact LED Flashlight User Manual and Specifications</a></p> <p>Comprehensive user guide and technical specifications for the TrustFire MINI2 ultra-compact LED flashlight. Learn about its features, operation, charging, warranty, and safety information.</p>
	<p><a href="#">Infiniti FX35/FX45 Driveline/Axle Transfer System Service Manual</a></p> <p>Comprehensive service manual detailing the Driveline/Axle Transfer System for Infiniti FX35 and FX45 models, covering troubleshooting, repair procedures, and specifications.</p>
	<p><a href="#">Telefunken Smart TV User Guide: Safety and Reference</a></p> <p>Comprehensive user guide for Telefunken Smart TVs, covering safety precautions, remote control operation, installation, connections, specifications, troubleshooting, and warranty information.</p>
	<p><a href="#">GarrettCom Magnum 10KT Managed Switch: Installation and User Guide</a></p> <p>Comprehensive installation and user guide for the GarrettCom Magnum 10KT Managed Switch, detailing specifications, features, installation procedures, operation, and troubleshooting for industrial network applications.</p>
	<p><a href="#">TEAC Load Cell Accessories - Specifications and Dimensions</a></p> <p>Comprehensive specifications, dimensions, and model details for TEAC load cell accessories, including head plates, base plates, rod end bearings, and tension adapters for various TEAC load cell series.</p>

