

[Manuals.plus](#) /

› [Wurkkos](#) /

› Wurkkos TD02 LED Tactical Flashlight User Manual

Wurkkos TD02

Wurkkos TD02 LED Tactical Flashlight User Manual

MODEL: TD02

Introduction

Welcome to the Wurkkos TD02 LED Tactical Flashlight user manual. The Wurkkos TD02 is a high-performance, compact, and durable tactical flashlight designed for various applications, from daily use to outdoor adventures. Featuring a powerful Luminus SST40 LED, USB-C charging, and multiple lighting modes, this flashlight provides reliable illumination and convenience.

Package Contents

Please check the package for the following items:

- Wurkkos TD02 LED Tactical Flashlight x1
- Rechargeable Battery x1
- USB-C Charging Cable x1
- Lanyard x1
- Spare O-rings x2

PACKING LIST



The package includes the Wurkkos TD02 flashlight, a rechargeable battery, a USB-C charging cable, a lanyard, and two spare O-rings for maintenance.

Specifications

Feature	Detail
Model	TD02
Color	Black
Power Source	Battery Powered
Included Components	USB Cable
Product Dimensions (L x W x H)	15 x 8 x 6 cm
Battery Type	Lithium Ion

Feature	Detail
Number of Batteries	1 Lithium Ion Battery
Luminous Flux	Up to 2000 Lumens
Beam Distance	Up to 254 meters
Impact Resistance	1 meter (3.28 feet)
Water Resistance	IPX8 (underwater 2 meters)
Runtime (Eco Mode)	150 hours
Runtime (Low Mode)	18 hours
Runtime (Medium Mode)	4 hours
Runtime (High Mode)	2.6 hours
Runtime (Turbo Mode)	2 hours
UPC	763316127235
Country of Origin	China

TECHNICAL PARAMETERS



MODES	ECO	LOW	MEDIUM	HIGH	TURBO	STROBE
 Luminous Flux	10Lm	100Lm	400Lm	1000Lm	2000Lm	2000Lm
 Runtime	150h	18h	4h	2.5h	2h	/
 Beam Distance	17m	59m	110m	170m	254m	/
 Illumination (1m distance)	71Lux	858Lux	3008Lux	7225Lux	16075Lux	/
 Peak Intensity	71cd	858cd	3008cd	7225cd	16075cd	/
 Impact Resistance	1m/3.28ft					
 Water resistance	IPX8(underwater 2m)					
 Beam Angle	26 degrees for throw,120 degrees for flood					

Note:The above mentioned parameters are based on tests according to international flashlight testing standards (ANSI/NEMA FL1) using one 3000mAh 18650 Li-ion battery in our laboratory. Results may vary with different battery or under different environmental conditions.

This table details the performance specifications of the Wurkkos TD02 flashlight across its various lighting modes, including brightness, battery life, and beam range.

Setup

Battery Installation

Unscrew the tail cap of the flashlight. Insert the included 18650 lithium-ion battery with the positive (+) end facing towards the head of the flashlight. Screw the tail cap back on securely.

Charging

The TD02 features a built-in USB-C charging port. Connect the provided USB-C cable to the flashlight's charging port and to a USB power source (e.g., wall adapter, computer, power bank).

The battery indicator LED located near the charging port will show the charging status:

- **Green:** 50-100% charged
- **Red:** 20-50% charged

- **Flashing Red:** Below 20% charged (requires immediate charging)

Ensure the charging port cover is firmly closed after charging to maintain water resistance.

USB-C CHARGING



Hidden waterproof charging port

Equipped with a type-c charging cable to charge the flashlight

Battery indicator



Fully charged - green light



Low battery - red light



The flashlight is equipped with a USB-C charging port for convenient recharging. The indicator light changes color to show the battery level during charging and use.

Operating Instructions

Power On/Off

Press the tail switch fully to turn the flashlight ON or OFF.

Brightness Modes

With the flashlight ON, lightly tap (half-press) the tail switch to cycle through the brightness modes: Eco (10 lumens) → Low (100 lumens) → Medium (400 lumens) → High (1000 lumens) → Turbo (2000 lumens).

The flashlight has a memory function and will turn on in the last used brightness mode (excluding Strobe).

Strobe Mode

With the flashlight ON, quickly double-tap the tail switch to activate Strobe mode. Double-tap again to return to the previous mode.

Advanced Temperature Regulation (ATR)

The TD02 incorporates ATR technology. When the flashlight's temperature reaches 55°C, the system automatically reduces the brightness to prevent overheating, protecting the LED and extending its lifespan. Brightness will increase again as the flashlight cools.

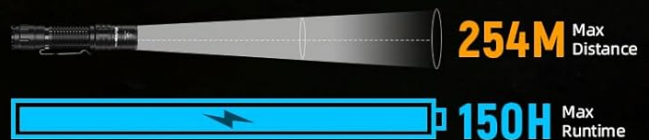


SIX LIGHTING MODES: >>

Meet different daily needs



Max 2000 lumens output, designed for tactics, lighting up the night



The Wurkkos TD02 offers six distinct lighting modes to suit various needs, from a low-power Eco mode to a powerful 2000-lumen Turbo mode, along with a Strobe for tactical use.



The flashlight features an anti-slip design for a secure grip and a responsive tail switch for easy power control and mode cycling.

Maintenance

Cleaning

Regularly clean the threads and O-rings with a clean cloth. Apply a thin layer of silicone grease to the O-rings periodically to maintain water resistance.

Clean the lens with a soft, lint-free cloth. Avoid abrasive materials that could scratch the lens.

Battery Care

If the flashlight will not be used for an extended period, remove the battery to prevent potential leakage.

Store the battery in a cool, dry place. Recharge the battery every 3-6 months to maintain its health.

General Care

Avoid dropping the flashlight or subjecting it to severe impacts, despite its durable construction.

Do not disassemble the flashlight head, as this may damage the LED or driver and void the warranty.

Troubleshooting

Flashlight Does Not Turn On

- **Check Battery:** Ensure the battery is correctly inserted with the positive (+) end facing the head. Verify the battery is charged.
- **Tail Cap:** Make sure the tail cap is fully tightened. A loose tail cap can prevent electrical contact.
- **Clean Contacts:** Clean the battery contacts and flashlight body contacts with a cotton swab dipped in rubbing alcohol.

Light is Dim or Flickering

- **Battery Level:** The battery may be low. Recharge the battery.
- **Overheating:** If the flashlight has been in Turbo or High mode for an extended period, the ATR system may have reduced brightness to prevent overheating. Allow it to cool.
- **Loose Components:** Ensure the tail cap and head are securely tightened.

Charging Issues

- **Cable Connection:** Verify the USB-C cable is securely connected to both the flashlight and the power source.
- **Power Source:** Try a different USB power source or cable to rule out a faulty charger or cable.
- **Charging Port:** Ensure the charging port is clean and free of debris.

Warranty and Support

Wurkkos provides a 24-month warranty for the TD02 LED Tactical Flashlight from the date of purchase. This warranty covers manufacturing defects and normal use.

For any issues, questions, or assistance, please contact Wurkkos customer service. Our friendly customer service team is available to provide prompt support.

Contact Information: Please refer to the product packaging or the official Wurkkos website for the most up-to-date customer support contact details.

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