

Wurkkos TD07

Wurkkos TD07 Tactical Flashlight User Manual

Model: TD07 | Brand: Wurkkos

1. INTRODUCTION

The Wurkkos TD07 is a high-performance tactical flashlight designed for reliability and versatility. It features a powerful SFT25R LED, delivering up to 1300 lumens with a maximum beam distance of 479 meters. This compact and durable flashlight is equipped with USB-C recharging, IP68 waterproofing, and multiple lighting modes, making it suitable for everyday carry, emergency situations, and various outdoor activities.



Image 1.1: Overview of Wurkkos TD07 key features including brightness, beam distance, runtime, and durability.

2. SAFETY INSTRUCTIONS

- Do not shine the flashlight directly into eyes. The powerful beam can cause temporary vision impairment.
- Keep out of reach of children.
- Do not disassemble the flashlight head or other components, as this may damage the light and void the warranty.

- Avoid exposing the flashlight to extreme temperatures or direct sunlight for prolonged periods.
- Use only the recommended battery type and ensure correct polarity during installation.
- The flashlight may become warm during extended use at high output levels. This is normal.

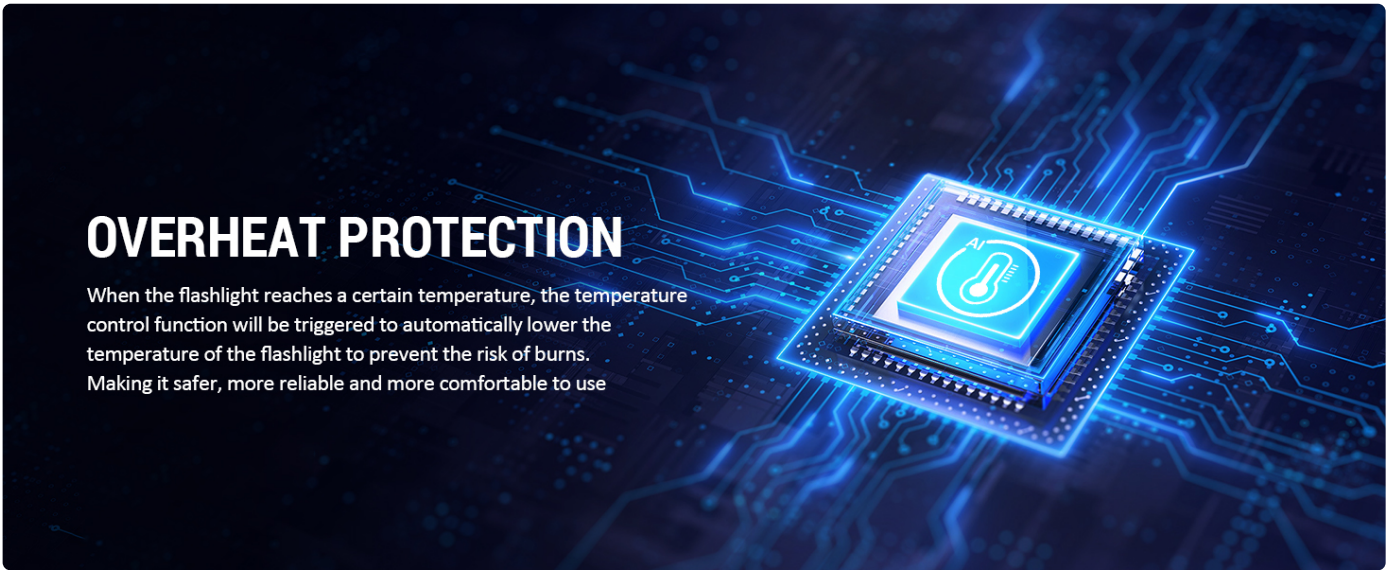


Image 2.1: The TD07 includes multiple protection features for safe operation, such as low voltage warning and intelligent temperature control.

3. PACKAGE CONTENTS

Please check the package for the following items:

- Wurkkos TD07 Flashlight x 1
- Tactical Clip x 1
- USB-C Charging Cable x 1
- User Manual x 1
- Spare O-rings
- Lanyard



Image 3.1: The TD07 package includes the flashlight, a USB-C cable, and a user manual.

4. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model	TD07
LED Emitter	SFT25R
Color Temperature	6000-6500K
Max Output	1300 Lumens
Max Beam Distance	479 meters
Max Runtime	75 hours (Moonlight mode)
Battery Type	1 x 1100mAh Lithium-ion (removable/replaceable)
Charging	USB-C Rechargeable
Water Resistance	IP68 (up to 2 meters submersible)
Impact Resistance	1 meter
Material	6061 Aviation-grade Aluminum Alloy
Dimensions (L x D)	99mm x 20mm (body) / 30mm (head)
Weight	103g (including battery)

Note: The above parameters are based on tests using a 1100mAh 18350 Li-ion battery in a laboratory environment. Results may vary with different batteries or environmental conditions.



Image 4.1: The TD07 utilizes an SFT-25R lamp bead for its powerful and consistent light output.

5. SETUP

5.1 Battery Installation

1. Unscrew the tail cap of the flashlight.
2. Insert the included 18350 Li-ion battery with the positive (+) end facing towards the head of the flashlight.
3. Screw the tail cap back on tightly to ensure proper contact and water resistance.

5.2 Attaching the Tactical Clip and Lanyard

- The tactical clip can be attached to the body of the flashlight for secure carrying in a pocket or on gear.
- Thread the lanyard through the hole in the tail cap for added security and to prevent accidental drops.



Image 5.1: The flashlight can be easily disassembled for battery installation and maintenance.

6. OPERATING INSTRUCTIONS

The TD07 features a unique rotary switch at the tail for mode selection and a tactical tail button for momentary and constant activation.

6.1 Rotary Switch Modes

Rotate the tail switch to select one of three main modes:

- **Tactical Mode:** Designed for quick access to high output or defensive strobe.
- **Daily Mode:** Provides access to multiple brightness levels for general use, with memory function.
- **Lock Mode:** Prevents accidental activation, ideal for transport or storage.

MODE	Moon	Low	Medium	High	Turbo	Strobe
Luminous Flux	2Lm	20Lm	240Lm	700Lm	1300-700Lm	/
Runtime	75h	22h	3h	50min	2min-45min	/
Beam Distance	25m	60m	200m	350m	479m	/
Peak Intensity	160cd	900cd	10000cd	30625cd	57250cd	/
Impact Resistance	1m/3.28ft					
WATER RESISTANCE	IP68					

Note: The above mentioned parameters are based on tests according to international headlamp testing standards (ANSI/NEMA FL1) using one 1100mAh 18350 Li-ion battery in our laboratory. Results may vary with different battery or under different environmental conditions.

Image 6.1: The rotary switch allows for quick selection between Tactical, Daily, and Lock modes.

6.2 Tactical Tail Button Operation

The tail button's function depends on the selected rotary switch mode:

In Tactical Mode:

- **Half-click:** Activates Turbo Momentary (1300 Lumens). Release to turn off.
- **Full-click:** Activates Strobe Momentary (1300 Lumens). Release to turn off.



Image 6.2: The tactical tail switch provides instant access to Turbo or Strobe for emergency situations.

In Daily Mode:

The flashlight has a memory function for frequently used brightness levels.

- **Single Click:** Turns the flashlight ON/OFF. It will turn on in the last used brightness level (Moon, Low, Medium, High).
- **When ON:** Press and hold the button to cycle through brightness levels: Moon (2LM) → Low (20LM) → Medium (240LM) → High (700LM). Release the button to select the desired level.
- **Double Click:** Activates Turbo (1300LM). Double click again to return to the previous mode.
- **Triple Click:** Activates Strobe. Triple click again to return to the previous mode.

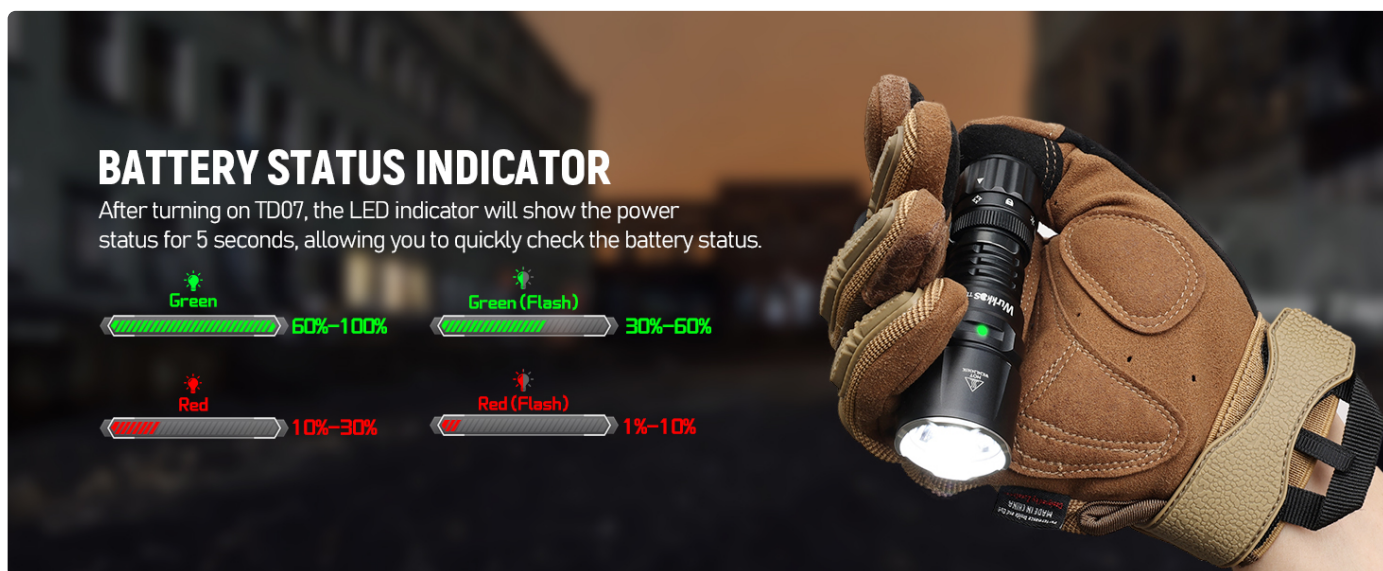


Image 6.3: Detailed operational flowchart for both Tactical and Daily modes.

In Lock Mode:

- The tail button is disabled to prevent accidental activation.
- To exit Lock Mode, rotate the switch to Tactical or Daily Mode.

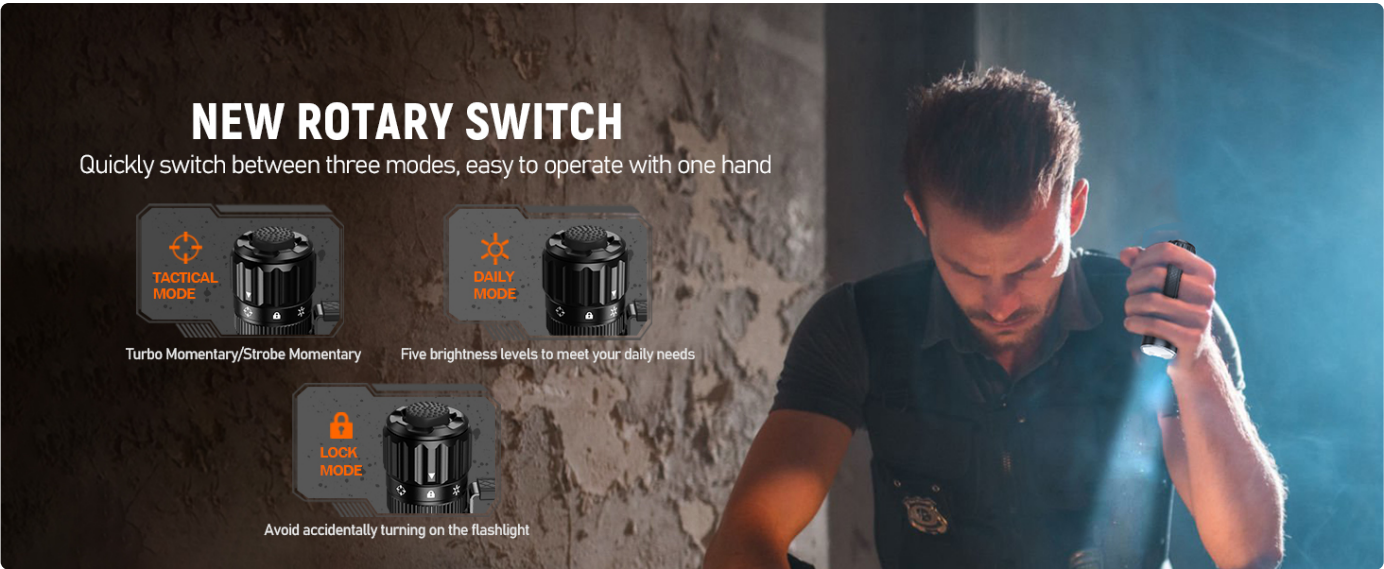


Image 6.4: The TD07 can be used for self-defense, stored safely in lock mode, and provides ample light for outdoor activities.

7. CHARGING

The Wurkkos TD07 features a convenient USB-C charging port.

1. Locate the hidden USB-C charging port on the flashlight body. It is usually covered by a rubber flap to maintain water resistance.
2. Open the rubber flap and connect the provided USB-C cable to the port.
3. Connect the other end of the USB-C cable to a USB power source (e.g., wall adapter, power bank, computer USB port).
4. The indicator light will show charging status (see Section 8: Battery Status Indicator).
5. Once charging is complete, disconnect the cable and securely close the rubber flap to maintain water resistance.



Image 7.1: The TD07 is USB-C rechargeable and offers a long runtime of up to 75 hours on moonlight mode.

8. BATTERY STATUS INDICATOR

The TD07 features an LED indicator to show the battery status for 5 seconds after turning on, allowing you to quickly check the remaining power.

Indicator Color	Battery Level
Green	60% - 100%
Green (Flashing)	30% - 60%
Red	10% - 30%
Red (Flashing)	1% - 10%



Image 8.1: The LED indicator provides a clear visual representation of the remaining battery charge.

9. MAINTENANCE

9.1 Cleaning

- Clean the flashlight body with a soft, damp cloth.
- For stubborn dirt, use a mild soap solution. Avoid harsh chemicals or abrasives.
- Keep the lens clean for optimal light output. Use a lens cleaning cloth if necessary.

9.2 O-Ring Lubrication

- Regularly inspect the O-rings for wear and tear. Replace them with the provided spare O-rings if damaged.
- Apply a thin layer of silicone grease to the O-rings to maintain water resistance and prevent wear.

9.3 Battery Care

- If the flashlight will not be used for an extended period, remove the battery to prevent potential leakage.
- Store batteries in a cool, dry place.

10. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on	Battery low or depleted Incorrect battery installation Loose tail cap In Lock Mode	Charge the battery Ensure correct polarity (+ towards head) Tighten tail cap Rotate switch to Tactical or Daily Mode
Light output is dim	Low battery Dirty lens	Charge the battery Clean the lens
Flashlight flickers	Loose connections Low battery	Tighten tail cap and head Charge the battery

Problem	Possible Cause	Solution
Flashlight gets hot quickly	Extended use on Turbo/High mode Environmental factors	This is normal. The intelligent temperature control will reduce output to prevent overheating. Use lower modes if prolonged use is needed.

11. WARRANTY AND SUPPORT

Wurkkos products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the official Wurkkos website or contact your authorized dealer. Please retain your proof of purchase for warranty claims.

For further assistance, you may visit the [Wurkkos Store on Amazon](#).

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.

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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