

## MATEMINCO MT009

# MATEMINCO MT009 LED Flashlight User Manual

Model: MT009 | Brand: MATEMINCO

## INTRODUCTION

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Thank you for purchasing the MATEMINCO MT009 LED Flashlight. This high-performance flashlight offers 26000 lumens of brightness, a 600-meter beam distance, and multiple operating modes. It is designed for various applications, including outdoor activities, search, and rescue. Please read this manual carefully to ensure proper use, maintenance, and to maximize the lifespan of your device.

### Safety Information

- Do not shine the flashlight directly into eyes. The intense light can cause temporary vision impairment or permanent damage.
- Keep the flashlight out of reach of children.
- Do not disassemble the flashlight head or other sealed parts, as this may damage the flashlight and void the warranty.
- Use only the specified 46950 battery. Incorrect battery types may cause damage or safety hazards.
- Avoid exposing the flashlight to extreme temperatures or direct sunlight for prolonged periods.
- Ensure the Type-C charging port cover is securely closed to maintain IPX6 waterproof rating when not charging.

## PACKAGE CONTENTS

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Verify that all items listed below are included in your package:

- 1 x MATEMINCO MT009 LED Flashlight
- 1 x 46950 Rechargeable Battery (pre-installed or separate)
- 1 x USB Type-C Charging Cable
- 1 x Removable Handle
- 4 x Handle Screws
- 1 x Shoulder Strap

- 2 x Shoulder Strap Steel Rings
- 1 x Tripod Mount Screw
- 2 x Spare O-rings
- 1 x User Manual (this document)



**MATEMINCO**

# MT-009 LED Flashlight

600-1W

**SIX CORE SELLING POINTS**

-   
Long-lasting battery life
-   
Type-C Fast Charging
-   
IPX6 waterproof rating

The advertisement features a dark, atmospheric background of a mountain range with mist. Two green MATEMINCO MT-009 LED flashlights are shown: one lying horizontally on the left, emitting a bright white beam of light, and another standing vertically on the right. The brand name 'MATEMINCO' is in an orange pill-shaped box at the top. The model 'MT-009' and 'LED Flashlight' are in large white text. '600-1W' is printed on the side of the vertical flashlight. At the bottom, a dark rounded rectangle contains the heading 'SIX CORE SELLING POINTS' and three feature cards with icons and text: a battery icon for 'Long-lasting battery life', a Type-C port icon for 'Type-C Fast Charging', and a water drop icon for 'IPX6 waterproof rating'.

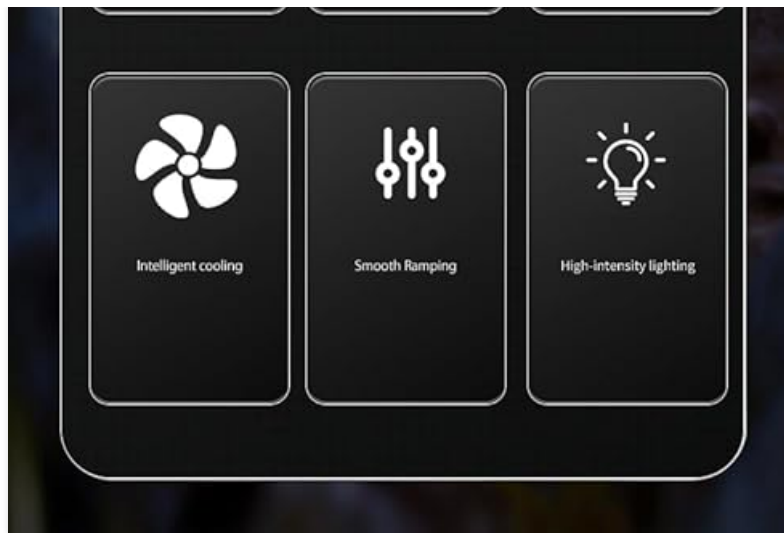


Image: The MATEMINCO MT009 flashlight, handle, shoulder strap, charging cable, and other accessories as found in the product packaging.

## COMPONENTS OVERVIEW

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Familiarize yourself with the main components of your MT009 flashlight.

- **LED Emitters:** Equipped with 9\*XHP50.2 LEDs for powerful illumination.
- **Side Switch:** A single clicky switch located on the body for all operations.
- **Active Cooling Fan:** Integrated fan system to manage heat during high-output operation.
- **Type-C Charging Port:** For convenient and fast recharging of the internal battery.
- **Battery Compartment:** Houses the 46950 rechargeable battery.
- **Handle Mount:** Attachment points for the included handle.
- **Tripod Mount:** Standard screw thread for mounting on a tripod.





Image: A detailed view of the flashlight's head, highlighting the array of 9 XHP50.2 LED emitters.



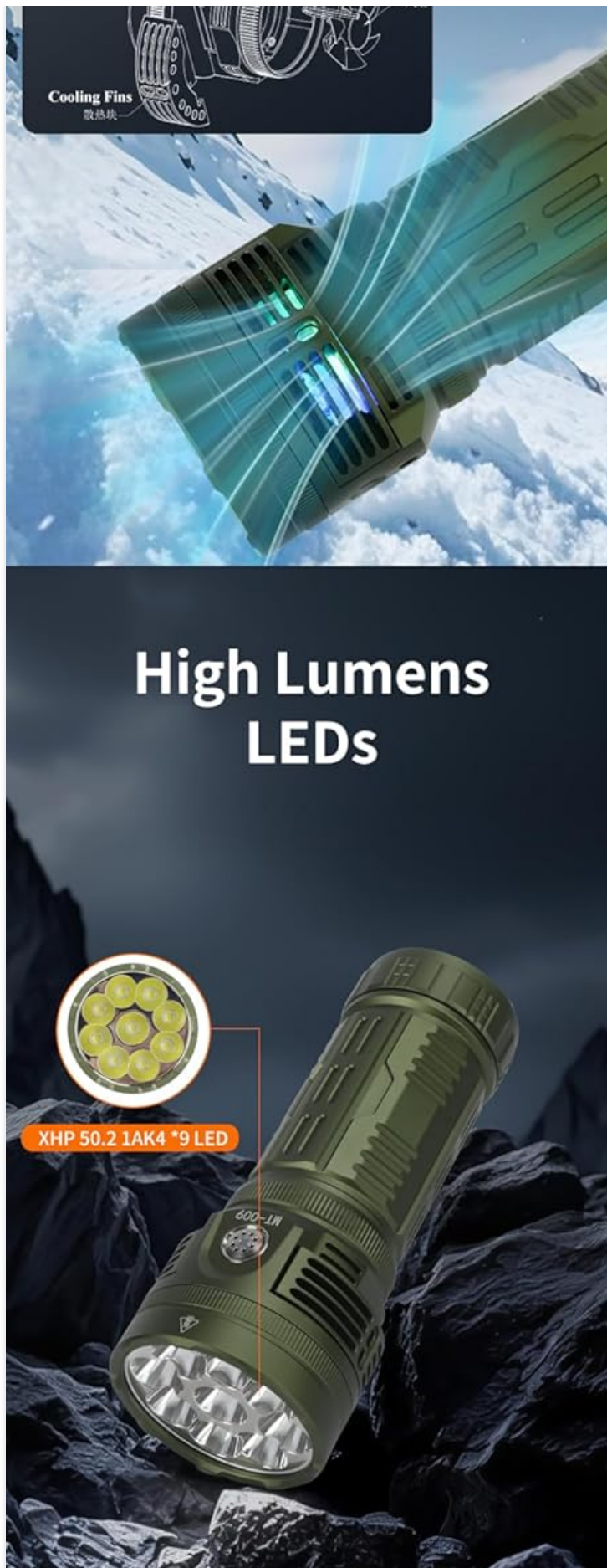


Image: The side of the flashlight, illustrating the cooling fins and the location of the main operating switch.

PRODUCT SHOW





*Image: The MATEMINCO MT009 flashlight with its ergonomic handle attached, providing a comfortable grip.*

## SETUP

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### Battery Installation

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert the 46950 rechargeable battery with the positive (+) terminal facing towards the flashlight head.
3. Screw the tail cap back on clockwise until it is finger-tight. Ensure the O-ring is properly seated to maintain water resistance.

### Attaching the Handle and Shoulder Strap

1. Align the handle with the screw holes on the flashlight body.
2. Secure the handle using the four provided screws.
3. Attach the two steel rings to the designated loops on the flashlight body or handle.
4. Clip the shoulder strap to the steel rings for convenient carrying.

### Initial Charging

Before first use, it is recommended to fully charge the battery.

1. Locate the Type-C charging port on the flashlight body.
2. Open the rubber cover protecting the charging port.
3. Connect the provided USB Type-C cable to the flashlight and to a compatible USB power source (e.g., USB adapter, power bank, car charger).
4. The indicator light near the charging port will show charging status (e.g., red for charging, green for fully charged).
5. Once charging is complete, disconnect the cable and securely close the rubber cover to maintain water resistance.



# PACKING LIST

*Image: A close-up of the flashlight body, indicating the location of the Type-C charging port.*

## OPERATING INSTRUCTIONS

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### Basic Operation

- **Turn On/Off:** Single click the side switch to turn the flashlight on or off.
- **Brightness Adjustment (Ramping):** When the flashlight is on, press and hold the side switch to smoothly ramp up or down the brightness level. Release the switch at your desired brightness.
- **Moonlight Mode:** From OFF, press and hold the side switch for approximately 1 second to enter Moonlight mode (lowest brightness).

- **Turbo Mode:** From ON or OFF, double-click the side switch to instantly activate Turbo mode (maximum brightness). Double-click again to return to the previous brightness level.
- **Strobe Mode:** From ON or OFF, triple-click the side switch to activate Strobe mode. Single click to turn off or return to the previous mode.



**26000lm Max Brightness**



Image: The flashlight in use, demonstrating its wide and long-range beam illuminating a dark outdoor environment.



**IPX6 WATERPROOF**

**High Capacity  
46950 Li Battery**

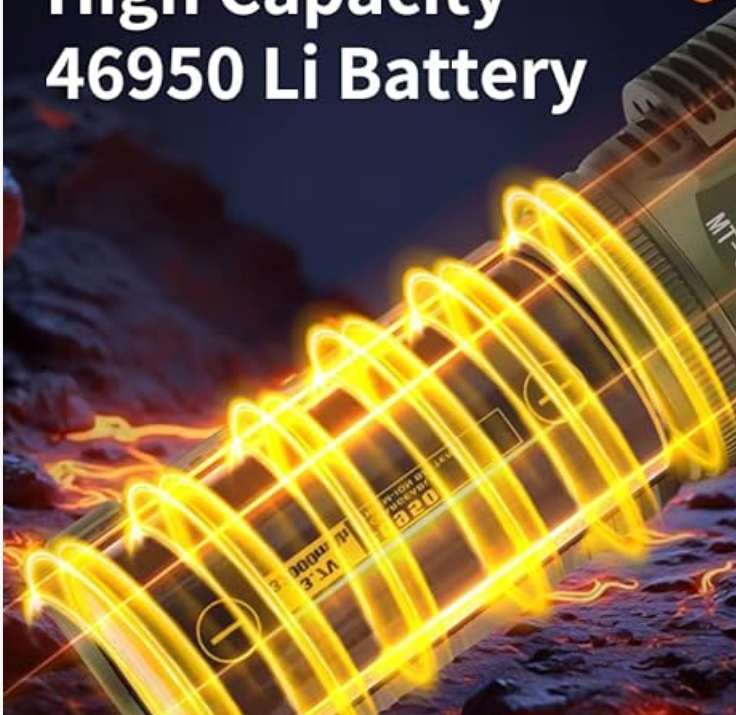




Image: The flashlight being used in rainy conditions, highlighting its IPX6 waterproof capability.

## MAINTENANCE

- **Cleaning:** Wipe the flashlight body 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. Replace them with the provided spare O-rings if necessary to maintain the waterproof seal. Apply a thin layer of silicone grease to the O-rings to keep them supple.
- **Threads:** Keep the threads of the tail cap clean and lubricated. This ensures smooth operation and proper electrical contact.
- **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.
- **Charging Port:** Always ensure the Type-C charging port cover is sealed when not charging to prevent water and dust ingress.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted or incorrectly installed. Loose tail cap.	Charge the battery. Ensure battery is inserted with positive (+) end towards the head. Tighten the tail cap securely.
Light output is dim or flickers.	Low battery. Dirty contacts.	Recharge the battery. Clean battery contacts and flashlight contact points with a clean cloth.
Flashlight gets hot quickly.	Operating in Turbo mode for extended periods.	This is normal for high-lumen flashlights. The active cooling fan helps manage heat. Reduce brightness if discomfort occurs.
Water ingress after exposure to water.	O-rings damaged or improperly seated. Charging port cover not sealed.	Inspect and replace O-rings if damaged. Ensure charging port cover is fully closed.

## SPECIFICATIONS

Feature	Detail
Product Name	Mateminco MT009

Feature	Detail
LED Type	9*XHP50.2 LED
Material	Aerospace Grade Aluminum Alloy (Anodized Aluminum)
Switch Type	Clicky Switch, Body Side
Battery	1*46950 Battery (included)
Max Output	26000 lumens
Max Beam Intensity	90000cd
Max Beam Distance	600m (1969ft)
Impact Resistant	1m (3.28ft)
Waterproof Rating	IPX6
Weight	880g (31oz)
Dimensions (L*Head D*Body D)	166mm*67mm*55mm (6.54in*2.64in*2.17in)
Special Feature	High Power, Active Cooling Fan
Power Source	Battery Powered
Included Components	Handle, Shoulder Strap
UPC	760862858408

## WARRANTY INFORMATION

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The MATEMINCO MT009 LED Flashlight comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, unauthorized modifications, accidents, neglect, improper maintenance, or battery leakage.

Please retain your proof of purchase for warranty claims.

## SUPPORT

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If you encounter any issues or have questions regarding your MATEMINCO MT009 LED Flashlight that are not addressed in this manual, please contact the seller or manufacturer for assistance. You can typically find contact information on the product packaging or the platform where you purchased the item.

For online support, refer to the official MATEMINCO website or the customer service portal of your retailer.