

AYL TF-89

AYL TF-89 LED Tactical Flashlight User Manual

Model: TF-89

INTRODUCTION

Thank you for choosing the AYL TF-89 LED Tactical Flashlight. This manual provides essential information for the safe and effective use of your new flashlight. Please read it thoroughly before operation and retain it for future reference.

SAFETY INFORMATION

- Do not look directly into the LED light beam. The high intensity light can cause temporary vision impairment or eye damage.
- Keep out of reach of children.
- Ensure batteries are inserted with correct polarity. Incorrect installation can damage the device or cause battery leakage.
- Remove batteries if the flashlight will not be used for an extended period to prevent leakage and damage.
- Do not mix old and new batteries, or different types of batteries.
- Dispose of batteries according to local regulations.

PACKAGE CONTENTS

- 2 x AYL TF-89 LED Tactical Flashlights
- 2 x Wrist Straps

Note: Batteries are not included.

PRODUCT OVERVIEW

The AYL TF-89 is a durable, high-lumen LED tactical flashlight designed for various applications, including emergency use, outdoor activities, and general illumination. It features an adjustable focus and multiple lighting modes.



1.3"

Weight : 4.37 ounce

5.50"

Powered by:

1x 18650
rechargeable
battery

or

3x AAA
batteries



Battery Not Included

Image: The AYL TF-89 flashlight showing its dimensions (approximately 5.50 inches long, 1.3 inches wide) and indicating power options: one 18650 rechargeable battery or three AAA batteries. Batteries are not included.



Max Output: 1000 lumens
Focus Adjustable LED Flashlight



Image: The AYL TF-89 flashlight demonstrating its adjustable focus, showing both a wide floodlight beam and a concentrated spotlight beam. The maximum output is 1000 lumens.



Image: Two AYL TF-89 flashlights, one with a wrist strap attached, highlighting the compact and portable design.

SETUP

Battery Installation

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert either one 18650 rechargeable battery or three AAA batteries into the battery compartment. Ensure the positive (+) and negative (-) terminals align correctly with the markings inside the flashlight.
3. Screw the tail cap back on clockwise until it is securely tightened.

Note: For AAA batteries, a battery holder (not included) is typically required.

OPERATING INSTRUCTIONS

Power On/Off

Press the red tactical push button switch located on the tail cap to turn the flashlight ON or OFF.



Image: A close-up of the AYL TF-89 flashlight's tail cap, showing the red power button. Icons above illustrate the five lighting modes: Low Beam, Medium Beam, High Beam, SOS, Strobe, and Zoomable function.

Changing Lighting Modes

With the flashlight ON, gently half-press the red tactical push button switch (without fully clicking it off) to cycle through the 5 available lighting modes:

- **High:** Maximum brightness.
- **Medium:** Moderate brightness for general use.
- **Low:** Reduced brightness for extended battery life or close-range tasks.
- **Strobe:** Flashing light for signaling or disorientation.
- **SOS:** International Morse code signal for emergencies.

Adjusting Focus (Zoom)

To adjust the beam focus, slide the head of the flashlight forward or backward. Sliding it forward will narrow the beam for a concentrated spotlight, while sliding it backward will widen the beam for a broad floodlight.

MAINTENANCE

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Lubrication:** Periodically apply a thin layer of silicone grease to the O-rings and screw threads to maintain

water resistance and smooth operation.

- **Battery Care:** Replace batteries when the light dims significantly. If using rechargeable batteries, follow the manufacturer's charging instructions.
- **Storage:** Store the flashlight in a cool, dry place. Remove batteries if storing for extended periods.



Image: The AYL TF-89 flashlight resting on a wet, rocky surface, illustrating its water-resistant design.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|------------------------------|--|---|
| Flashlight does not turn on. | Dead or incorrectly inserted batteries. Loose tail cap. | Replace batteries. Check battery polarity. Tighten tail cap. |
| Light is dim or flickers. | Low battery power. Loose connections. | Replace or recharge batteries. Ensure tail cap and head are fully tightened. |
| Cannot change modes. | Button not being half-pressed correctly. | Practice half-pressing the tail switch to cycle modes. Ensure the flashlight is ON. |

| Problem | Possible Cause | Solution |
|-------------------------|---|---|
| Zoom function is stiff. | Dirt or debris in the sliding mechanism. Lack of lubrication. | Clean the sliding parts. Apply a small amount of silicone grease. |

SPECIFICATIONS

- **Model:** TF-89
- **Light Source:** LED (CREE)
- **Brightness:** Up to 1000 Lumens
- **Light Modes:** High, Medium, Low, Strobe, SOS
- **Focus:** Zoomable (Adjustable Focus)
- **Power Source:** 1 x 18650 Lithium-ion battery OR 3 x AAA batteries (not included)
- **Voltage:** 3.7 Volts (for 18650)
- **Material:** 6061-T6 Aluminium
- **Water Resistance:** Water Resistant
- **Item Weight:** 132 g (approximately 4.66 oz)
- **Dimensions:** Approximately 5.51" x 1.3" (Length x Diameter)
- **Special Features:** Weather & Shock Resistant, Lightweight & Pocket-Sized, Tactical Push Button Switch

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact AYL customer service directly through their official website or the retailer where the product was purchased. Please have your product model (TF-89) and purchase details ready when contacting support.