ACEBEAM TAC AA 2.0

ACEBEAM TAC AA 2.0 Longest-Range AA Flashlight User Manual

Model: TAC AA 2.0 | Brand: ACEBEAM

1. INTRODUCTION

The ACEBEAM TAC AA 2.0 is a compact and powerful tactical EDC flashlight designed for versatility and durability. Featuring the SFT-25R HI LED, it delivers a maximum output of 900 lumens and a beam distance of 360 meters. This manual provides essential information for the safe and effective use of your flashlight.

Image: The ACEBEAM TAC AA 2.0 flashlight in Desert color, showcasing its compact design.

2. WHAT'S IN THE BOX

- TAC AA 2.0 Flashlight (Battery Included) x 1
- Lanyard x 1
- Diffuser x 2 (Red and White)

- O-rings x 2
- USB Cable x 1
- User Manual x 1

3. Setup

3.1 Battery Installation

The TAC AA 2.0 is compatible with both the included 14500 Li-ion rechargeable battery and standard AA alkaline or NiMH batteries.

1. Unscrew the head of the flashlight counter-clockwise.
2. Remove any insulating film from the battery terminals before first use.
3. Insert the included 14500 Li-ion rechargeable battery with the positive (+) end facing towards the head. Alternatively, insert a standard AA alkaline or NiMH battery.
4. Re-attach the head by screwing it clockwise until secure.

3.2 Charging the 14500 Li-ion Battery

The included 14500 Li-ion battery features a built-in USB-C charging port.

1. Locate the USB-C port on the side of the 14500 battery.
2. Connect the provided USB-C cable to the battery and a compatible USB power source.
3. The indicator light on the battery will show red during charging and turn green when fully charged.

Image: The ACEBEAM TAC AA 2.0 demonstrating its USB-C rechargeable battery and compatibility with standard AA batteries.

4. OPERATING INSTRUCTIONS

The TAC AA 2.0 features a tactical tail switch for operation and mode selection.

4.1 Power On/Off

- **Momentary On:** Lightly press and hold the tail switch. Release to turn off.
- **Constant On/Off:** Fully press the tail switch until it clicks to turn the flashlight on or off.

4.2 Mode Selection

The flashlight offers 6 lighting modes. It has a mode memory function for general modes (Low, Medium, High, Turbo).

- With the flashlight on, lightly tap the tail switch (without fully clicking) to cycle through modes: Low → Medium → High → Turbo.
- To access Strobe or SOS modes, refer to the specific mode group settings in the technical parameters.
- The flashlight will remember the last used general mode if it was off for more than 3 seconds.

Image: Diagram illustrating the 6 lighting modes available via the tactical tail switch.

4.3 Beam Performance

The SFT-25R HI LED provides a focused beam with a maximum throw of 360 meters, suitable for long-range illumination.

Your browser does not support the video tag.

Video: Official ACEBEAM video demonstrating the beam distance and output of the TAC AA 2.0 flashlight in various environments.

5. MAINTENANCE

- **O-ring Inspection:** Regularly inspect and clean the O-rings to maintain the flashlight's IP68 water resistance. Replace O-rings if they appear worn or damaged.
- **Thread Lubrication:** Apply silicone grease to the threads periodically to ensure smooth operation and prevent wear.
- **Cleaning:** Keep the flashlight clean and free from debris. Use a soft, damp cloth for cleaning. Avoid harsh chemicals.
- **Battery Care:** Store the battery in a cool, dry place when not in use. Recharge the battery regularly to prolong its lifespan.
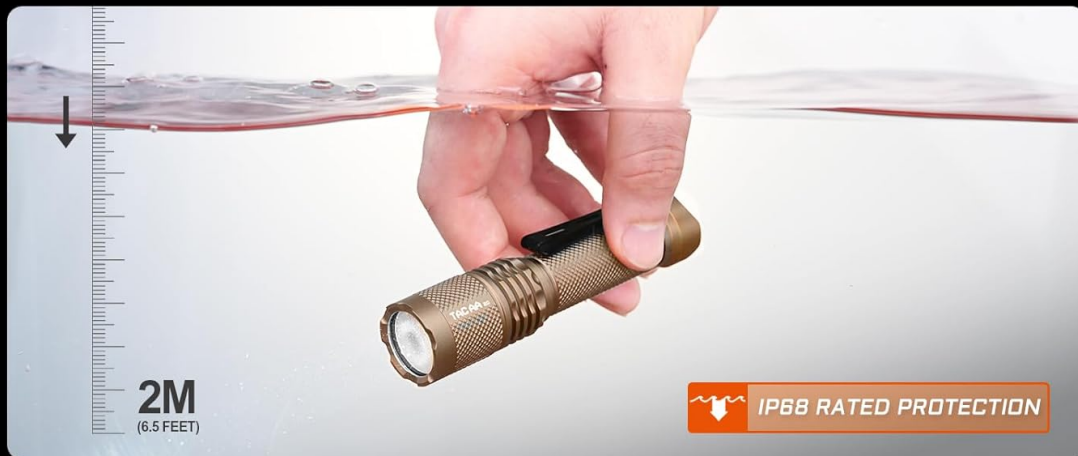
Image: The ACEBEAM TAC AA 2.0 demonstrating its IP68 water-resistant and 1.5-meter impact-resistant features.

6. TROUBLESHOOTING

- **Flashlight does not turn on:** Ensure the battery is correctly installed with the positive (+) end towards the head. Check if the battery is charged. Remove any insulating film if present.
- **Low light output or flickering:** Recharge the battery or replace with a fresh AA battery. Ensure all connections (head, body, tail cap) are securely tightened. Clean battery contacts if dirty.
- **Water ingress:** If water enters the flashlight, immediately remove the battery and allow all components to dry thoroughly before reassembly. Check O-rings for damage and replace if necessary.

7. SPECIFICATIONS

Feature	Detail
Model	TAC AA 2.0
Light Source	SFT-25R HI LED
Max Output	900 Lumens

Feature	Detail
Max Beam Distance	360 Meters
Power Source	1 x 14500 Li-ion (included) or 1 x AA battery
Charging	USB-C rechargeable battery
Modes	6 (Low, Med, High, Turbo, Strobe, SOS)
Water Resistance	IP68 (2 meters submersible)
Impact Resistance	1.5 Meters
Material	Aluminum Alloy
Dimensions	0.74"D x 0.97"W x 4.13"H
Weight	0.26 Pounds (with battery)

TECHNICAL PARAMETER
SFT-25R HI LED, COOL WHITE LED, 900 LUMENS 360 METERS

FL1 STANDARD	Turbo	High	Med	Low	Strobe	SOS
PEAK LUMEN	900~450 lumens	240 lumens	50 lumens	5 lumens	900 lumens	900 lumens
RUNTIME	35s+49min	2h	14h	58h	45min	75min

INTENSITY	32400cd		DISTANCE	360m
SUB-MERSIBLE	2m		IMPACT RESISTANCE	1.5m

Notice: The above-mentioned parameters have been measured in accordance with the international flashlight testing standard ANSI/PLATO FL1 , and are approximate and may vary from flashlights, batteries, and environments.

Image: Detailed technical parameters table for the ACEBEAM TAC AA 2.0 flashlight.

8. WARRANTY AND SUPPORT

ACEBEAM provides a 10-year warranty for the TAC AA 2.0 flashlight from the date of purchase. This warranty covers manufacturing defects and normal wear and tear. For the included battery and accessories, specific warranty terms apply as detailed in the product packaging.

For warranty claims or technical support, please contact ACEBEAM customer service through their official website or authorized dealers. Please retain your proof of purchase for warranty validation.

Related Documents - TAC AA 2.0

[Acebeam TAC AA EDC Tactical Flashlight User Manual](#)

Comprehensive user manual for the Acebeam TAC AA EDC tactical flashlight, detailing features, operation, maintenance, and warranty. Learn how to use its multiple modes, high output, and durable design.

[ACEBEAM Defender P18 Tactical Flashlight User Manual - Features, Specs, and Operation](#)

Comprehensive user manual for the ACEBEAM Defender P18 rechargeable tactical flashlight. Learn about its features, technical specifications, battery installation, operation modes, warnings, maintenance, and warranty.

[Acebeam X20 High-Lumen LED Flashlight User Manual](#)

Comprehensive user manual for the Acebeam X20, a powerful LED flashlight delivering up to 10,000 lumens. Learn about its features, specifications, operation, battery management, and safety guidelines for optimal use.

[Acebeam TAC 2AA Flashlight User Manual](#)

User manual for the Acebeam TAC 2AA flashlight, detailing features, technical parameters, battery indicator, operation, and specifications.

[Acebeam P20 User Manual: Powerful Long Distance Tactical Flashlight](#)

Comprehensive user manual for the Acebeam P20 flashlight, detailing features, specifications, operation, and safety. Discover its powerful illumination for tactical and long-distance use.

[Acebeam T35 Tactical Flashlight User Manual - Features, Specs, Operation](#)

Comprehensive user manual for the Acebeam T35 tactical flashlight. Learn about its features, technical specifications, charging, operation modes, maintenance, and safety guidelines.