

## ACEBEAM TAC AA 2.0

# ACEBEAM TAC AA 2.0 Flashlight User Manual

Model: TAC AA 2.0 | Brand: ACEBEAM

### INTRODUCTION

The ACEBEAM TAC AA 2.0 is a compact and powerful tactical EDC flashlight designed for versatile use. It features a high-performance SFT-25R HI LED, offering exceptional brightness and beam distance. Its robust construction ensures durability and reliability in various environments.



Figure 1: ACEBEAM TAC AA 2.0 Flashlight (Orange variant).

### WHAT'S INCLUDED

Upon unboxing your ACEBEAM TAC AA 2.0, please verify that all the following components are present:

- TAC AA 2.0 Flashlight (Battery Included) x 1
- Lanyard x 1
- Diffuser x 2 (Red and White)
- O-rings x 2 (Spare)
- USB Cable (Type-C) x 1
- User Manual x 1

# TYPE-C CHARGING

Customized rechargeable battery that integrates a Type-C interface for charging



Figure 2: The TAC AA 2.0 comes with a custom Type-C rechargeable battery.

## SETUP

### Battery Installation

The TAC AA 2.0 uses a custom 14500 Li-ion USB-C rechargeable battery (920mAh, 3.7V). It is also compatible with any standard AA battery type (alkaline or NiMH) if the rechargeable battery is unavailable.

1. Unscrew the head of the flashlight counter-clockwise to open the battery compartment.
2. Insert the included 14500 battery with the positive (+) end facing towards the head of the flashlight.
3. Screw the head back on clockwise until it is securely tightened.

# TYPE-C CHARGING

Customized rechargeable battery that integrates a Type-C interface for charging



Figure 3: Ensure correct battery orientation for proper function.

## Initial Charging

Before first use, fully charge the included 14500 battery. The battery features a built-in USB-C charging port.

- Connect the provided USB-C cable to the battery's charging port and a USB power source.
- The battery indicator light will show red during charging and turn green when fully charged.

## OPERATING INSTRUCTIONS

### Basic Operation

- **Turn On/Off:** Fully press the tail switch to turn the flashlight on or off.
- **Mode Switching:** From the ON state, lightly press the tail switch to cycle through modes: Low → Med → High → Turbo.
- **Memory Function:** The flashlight will memorize the last selected output mode when turned on again after 3 seconds.

### Special Modes

The TAC AA 2.0 offers 6 lighting modes to match various applications:

- **Mode 1:** Low → Med → Turbo
- **Mode 2:** Low → Med → High → Turbo
- **Mode 3:** Low → Med → High → Turbo → Strobe
- **Mode 4:** Low → Med → High → Turbo → SOS
- **Mode 5:** Turbo → Med → Low
- **Mode 6:** Turbo (Direct access)



Figure 4: The 6 lighting modes available via the tactical tail switch.

#### Beam Performance

The SFT-25R HI LED provides a focused beam with a long throw, ideal for outdoor and tactical use. The smooth reflector ensures a concentrated hotspot.

# Tactical EDC Flashlight

Utilizes SFT-25R HI LED, offering maximum illumination of 900 lumens and 360 Meters.



Figure 5: The TAC AA 2.0 offers a maximum output of 900 lumens and a 360-meter beam distance.

## MAINTENANCE

- Clean the threads and O-rings regularly to ensure smooth operation and waterproof integrity. Apply silicone grease to O-rings as needed.
- Keep the flashlight dry and clean. Avoid dropping it or using it in extremely high temperatures.
- If the flashlight is not used for an extended period, remove the battery to prevent leakage.
- The flashlight is rated IP68 for water and dust resistance, meaning it can be submerged up to 2 meters.

# ALL-WEATHER APPLICABLE

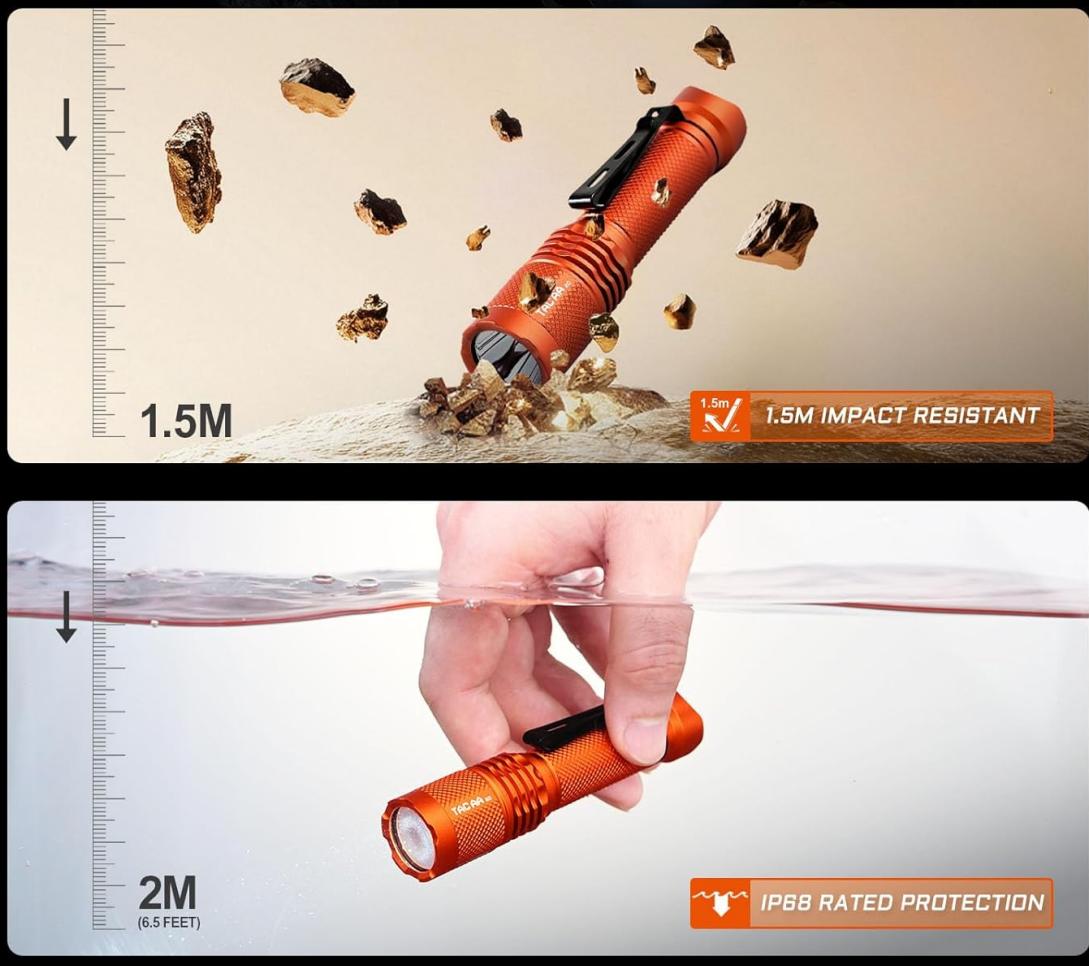


Figure 6: The flashlight is IP68 rated, offering excellent water resistance.

## TROUBLESHOOTING

- Flashlight not turning on:** Check if the battery is inserted correctly with the positive end towards the head. Ensure the battery is charged. Clean the contact points and threads.
- Light output is low or flickering:** The battery might be low. Recharge or replace the battery. Ensure the head and tail cap are fully tightened.
- Water ingress:** If water enters the flashlight, immediately remove the battery and dry all components. Check O-rings for damage and replace if necessary (spare O-rings are included).

## SPECIFICATIONS

Feature	Detail
Brand	ACEBEAM
Model	TAC AA 2.0

Feature	Detail
Special Feature	360 Meters Longest-range AA Flashlight, 6 Modes, Two-way Clip, Rechargeable, Compatible with Any AA Battery Type, Two Diffuser(Red and White), IPX8 Water-Resistant, Tail Standing Function
Color	Orange 6500K-900 Lumens 360 Meters
Power Source	Battery Powered
Light Source Type	LED (SFT-25R HI)
Material	Aluminum
Product Dimensions	0.74"D x 0.97"W x 4.13"H
Light Path Distance	360 Meters
Battery Cell Composition	Lithium Ion
Number of Batteries	1 C batteries required. (included)
Water Resistance Level	Waterproof (IP68)
Brightness	900 Lumen (Max)
Runtime	58 hours (Ultra-Low Mode)
Item Weight	4.2 ounces
Country of Origin	China
Color Temperature	6500 Kelvin

## TECHNICAL PARAMETER

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

FL1 STANDARD	Turbo	High	Med	Low	Strobe	SOS
 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.

Figure 7: Detailed technical parameters including lumen output, runtime, and beam distance for various modes.

## WARRANTY AND SUPPORT

### Warranty Information

The ACEBEAM TAC AA 2.0 Flashlight comes with a 5-year warranty from the date of purchase. This warranty covers manufacturing defects and workmanship. Please retain your proof of purchase for warranty claims.

### Customer Support

For any inquiries, technical assistance, or warranty claims, please contact ACEBEAM customer support through their official website or the retailer where the product was purchased.

Visit the official ACEBEAM store for more products and information: [ACEBEAM Store](#)