

## ACEBEAM L16 2.0-OD Green-6500K

# ACEBEAM L16 2.0 Tactical Flashlight User Manual

Model: L16 2.0-OD Green-6500K | Brand: ACEBEAM

## PRODUCT OVERVIEW

The ACEBEAM L16 2.0 is a high-performance tactical flashlight designed for various applications including long-range search, emergency situations, and tactical use. It features a powerful LED, dual-switch operation, and convenient charging capabilities.

- **Powerful Tactical Flashlight:** Delivers a max output of 2100 high lumens and a max beam distance of 733 yards from 1 high performance SFT40 LED.
- **Easy To Install And Use:** Compatible with rail mounted systems (not included) for easy installation.
- **Upgraded Tail Plug and Play Remote Pressure Switch:** Allows direct insertion of a remote pressure switch (not included) into the USB-C port without unscrewing the tail cap, enhancing convenience.
- **Dual-Switches Tactical Flashlight:** Features one tactical tail switch and one side switch for versatile operation. Quick action with the one-stage tactical tail switch activates direct turbo with a single press.
- **Fast Charging and Superlong Runtime:** Equipped with a USB-C charging port for direct charging. The flashlight can be used while charging, ensuring longer runtime.





Figure 1: Front view of the ACEBEAM L16 2.0 Tactical Flashlight.

## WHAT'S IN THE Box

- L16 2.0 Tactical Flashlight (Battery Included) x 1
- Lanyard
- Holster

- O-rings x 2
- Spare rubber button cap x 1
- USB Cable
- User Manual x 1

## SETUP

### 1. Battery Installation

1. Unscrew the tail cap of the flashlight.
2. Insert the included Lithium 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.

### 2. Initial Charging

Before first use, it is recommended to fully charge the battery. The L16 2.0 features a convenient USB-C charging port.

1. Locate the USB-C charging port on the flashlight body.
2. Connect the provided USB-C cable to the flashlight and plug the other end into a compatible USB power source (e.g., wall adapter, computer USB port).
3. The indicator light will show charging status (refer to the flashlight's specific indicator behavior for full details, typically red for charging, green for full).
4. The flashlight can be used while charging.

## OPERATING INSTRUCTIONS

The ACEBEAM L16 2.0 features a dual-switch design for versatile control: a side switch for general use and a tactical tail switch for quick access to Turbo mode.

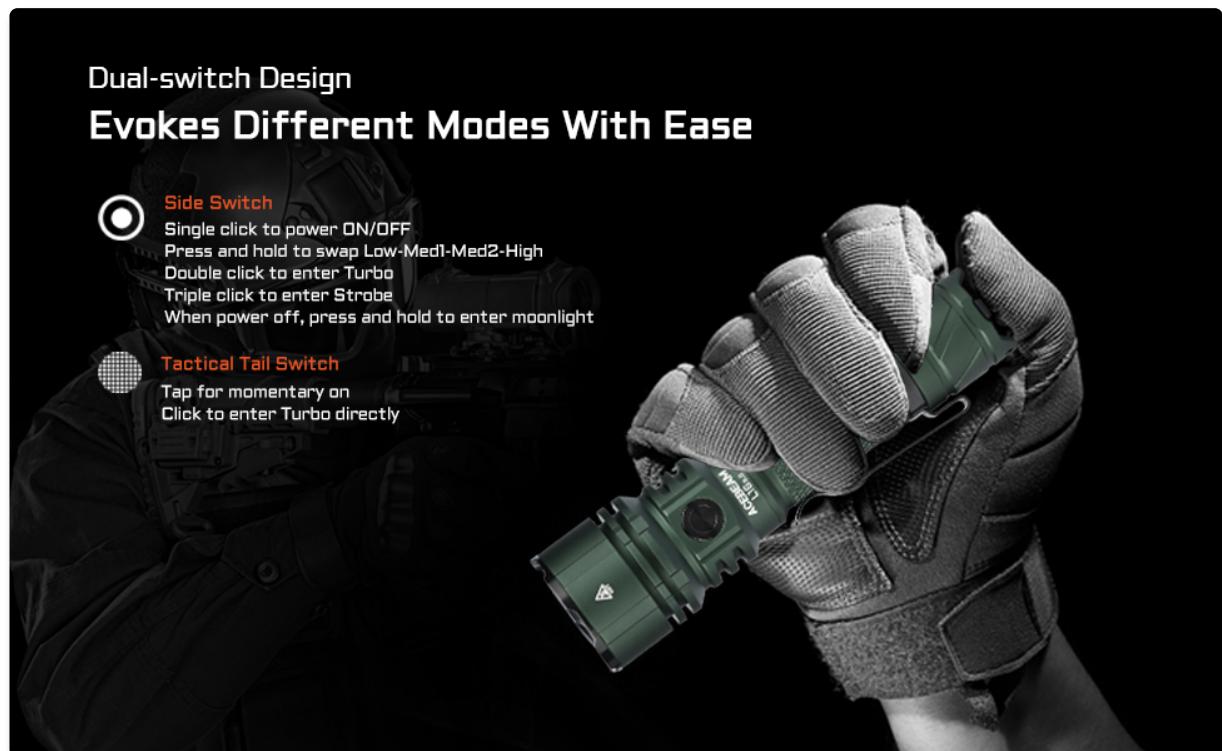


Figure 2: Illustration of the dual-switch design and basic operations.

## Side Switch Operation

- **Turn ON/OFF:** Single click the side switch. The flashlight will recall the last used brightness mode.
- **Change Brightness Levels:** When the flashlight is ON, press and hold the side switch to cycle through Low, Med1, Med2, and High modes. Release to select the desired mode.
- **Direct Turbo:** Double click the side switch from any state (ON or OFF) to activate Turbo mode. Double click again to return to the previous mode.
- **Strobe Mode:** Triple click the side switch from any state (ON or OFF) to activate Strobe mode. Single click to turn off or return to the previous mode.
- **Moonlight Mode:** When the flashlight is OFF, press and hold the side switch for approximately 1 second to activate Moonlight mode.
- **Lockout Function:** (Not explicitly detailed in provided data, but common for tactical lights. Assuming standard operation) From OFF, press and hold the side switch for 5 seconds until the light flashes to lock out. Repeat to unlock.

## Tactical Tail Switch Operation

- **Momentary Turbo:** Half-press and hold the tactical tail switch for momentary Turbo output. Release to turn off.
- **Constant Turbo:** Full press the tactical tail switch to turn ON/OFF in Turbo mode.



Figure 3: Overview of 6 lighting levels and Strobe mode.

## MAINTENANCE

- **Cleaning:** Clean the flashlight body and lens with a soft, damp cloth. Avoid using harsh chemicals or abrasives.
- **O-rings:** Periodically check and lubricate the O-rings with silicone grease to maintain water resistance. Replace O-rings if they are damaged or worn.
- **Threads:** Keep the threads clean and lightly lubricated to ensure smooth operation of the tail cap.
- **Battery Care:** Remove the battery if the flashlight will not be used for an extended period to prevent battery drain or leakage. Store batteries in a cool, dry place.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery low or depleted; Battery inserted incorrectly; Loose tail cap; Lockout mode activated.	Charge or replace battery; Ensure correct battery polarity; Tighten tail cap; Deactivate lockout mode.
Light is dim or flickers.	Low battery; Poor contact between battery and contacts; Dirty contacts.	Charge battery; Clean battery contacts and flashlight contacts; Ensure battery is fully inserted.
Charging not working.	USB cable or power source issue; Charging port obstruction.	Try a different USB cable or power source; Check charging port for debris.

## SPECIFICATIONS

Feature	Detail
Max Output	2100 Lumens
Max Beam Distance	733 Yards (670 meters)
Light Source	1 x High Performance SFT40 LED
Color Temperature	6500 Kelvin
Power Source	Battery Powered (1 Lithium Ion battery included)
Runtime	Up to 250 hours (Moonlight mode)
Material	Aluminum
Water Resistance Level	Waterproof (IPX8)
Product Dimensions	6"D x 1"W x 1.59"H
Item Weight	15 ounces

## Technical Parameter

FL1 STANDARD	Turbo	High	Med 2	Med 1	Low	Moonlight	Strobe
	2100~1000 lumens	1000 lumens	450 lumens	200 lumens	70 lumens	1 lumen	1000 lumens
	60s+2h	2.1h	6h	15h	37h	250h	5.5h
	670m	440m	289m	199m	120m		440m
	112225cd	48400cd	20880cd	9900cd	3600cd		48400cd

	2 meters		1.5 meters
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Notice: The above-mentioned parameters (tested with battery) have been measured in accordance with the international flashlight testing standard ANSI/ NEMA FL1, and are approximate and may vary from flashlights, batteries, and environments. If you have any questions, please contact customer service.

Size: 153mm / 6" (length) x 40.5mm / 1.59" (head diameter) x 25.4mm/1" (tube diameter)

Weight: 212g / 7.47oz (including battery)



Figure 4: Detailed technical parameters including lumen output, runtime, and beam distance.

## WARRANTY AND SUPPORT

The ACEBEAM L16 2.0 Tactical Flashlight comes with a **5-Year Warranty** from the manufacturer.

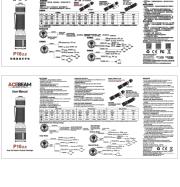
For warranty claims, technical support, or any inquiries regarding your product, please contact ACEBEAM customer service directly. Refer to the official ACEBEAM website or the contact information provided in your product packaging for the most up-to-date support details.

You can also visit the official ACEBEAM store on Amazon for more information and support resources: [ACEBEAM Amazon Store](#).

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## Related Documents - L16 2.0-OD Green-6500K

	<p><a href="#">Acebeam TAC 2AA Flashlight User Manual</a></p> <p>User manual for the Acebeam TAC 2AA flashlight, detailing features, technical parameters, battery indicator, operation, and specifications.</p>
	<p><a href="#">ACEBEAM Defender P18 Tactical Flashlight User Manual - Features, Specs, and Operation</a></p> <p>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.</p>

	<p><a href="#"><u>Acebeam X20 High-Lumen LED Flashlight User Manual</u></a></p> <p>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.</p>
	<p><a href="#"><u>Acebeam P20 User Manual: Powerful Long Distance Tactical Flashlight</u></a></p> <p>Comprehensive user manual for the Acebeam P20 flashlight, detailing features, specifications, operation, and safety. Discover its powerful illumination for tactical and long-distance use.</p>
	<p><a href="#"><u>ACEBEAM P16 2.0 Dual Tail Switch Tactical Flashlight User Manual</u></a></p> <p>Official user manual for the ACEBEAM P16 2.0 tactical flashlight, detailing features, specifications, operation modes, charging, and maintenance. Includes warnings, warranty information, and manufacturer details.</p>
	<p><a href="#"><u>Acebeam T35 Tactical Flashlight User Manual - Features, Specs, Operation</u></a></p> <p>Comprehensive user manual for the Acebeam T35 tactical flashlight. Learn about its features, technical specifications, charging, operation modes, maintenance, and safety guidelines.</p>