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ACEBEAM P17-tactical flashlight

ACEBEAM Defender P17 Tactical Flashlight

User Manual

INTRODUCTION

The ACEBEAM Defender P17 is a high-performance tactical flashlight designed for various applications, including law enforcement, security, and outdoor activities. It features a powerful CREE XHP70.3 HI LED, dual tail switches for intuitive control, and a robust, waterproof design. This manual provides essential information for the proper setup, operation, and maintenance of your Defender P17 flashlight.



Figure 1: ACEBEAM Defender P17 Tactical Flashlight in Dark Green.

SETUP

1. Battery Installation

The Defender P17 uses one Acebeam 5100mAh rechargeable battery. Before first use, ensure the insulating film is removed from the battery. Unscrew the tail cap, insert the battery with the positive (+) end facing towards the head of the flashlight, and then securely screw the tail cap back on.



Figure 2: Diagram illustrating battery installation and removal of insulating film.

2. Charging the Battery

The included Acebeam 5100mAh battery has a built-in USB Type-C port for convenient charging. Connect the USB Type-C charging cable to the battery and a compatible USB power source. The battery features an indicator light: red for charging and green for fully charged.

OPERATING INSTRUCTIONS

1. Dual Tail Switch Operation

The Defender P17 features intuitive dual tail switches for easy access to different settings: Tactical Mode, Daily Mode, and Special Mode.

- **Tactical Switch:** Provides momentary-on function.
- **Functional Switch:** Offers instant strobe, instant ultra-low, and instant high modes.



Figure 3: Illustration of the dual tail switch functionality.

2. Light Modes and Output

The flashlight offers multiple output levels and specialized modes to suit various needs. Refer to the table below for detailed specifications on each mode.



Figure 4: Detailed table of Daily, Tactical, and Special Operation Modes.

3. Tactical Features

The Defender P17 is equipped with a stainless steel bezel featuring 3 silicon nitride ceramic beads. These beads are designed for emergency glass shattering, providing an essential tool in critical situations.

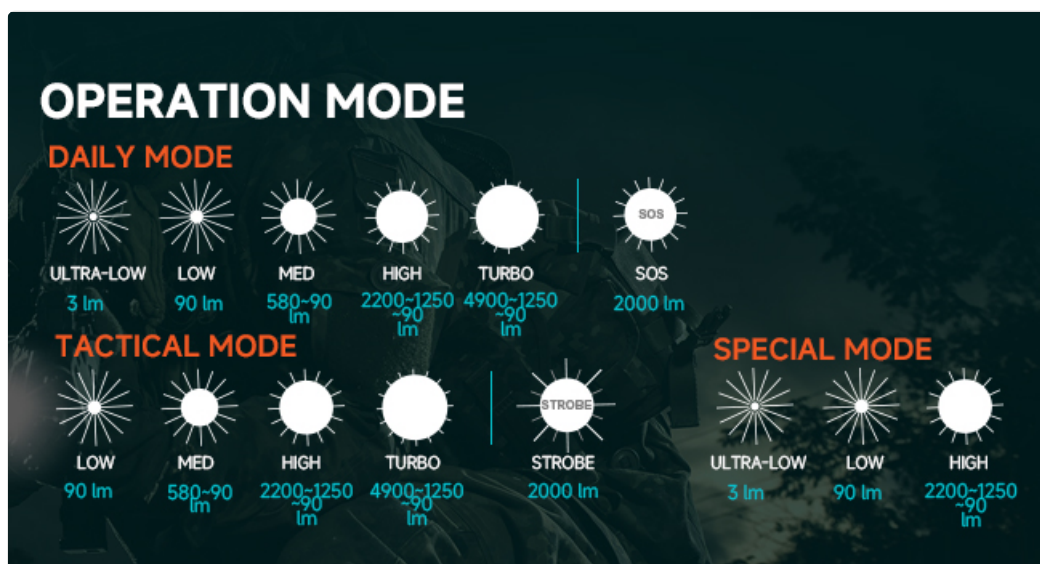


Figure 5: Close-up view of the stainless steel bezel with integrated ceramic beads.

The flashlight's compact size and stylish grip design ensure a comfortable and secure hold, even in challenging conditions, making it ideal for tactical use.



Figure 6: Example of the flashlight's ergonomic design for tactical applications.

MAINTENANCE

1. Water Resistance

The Defender P17 is IP68 rated, meaning it is waterproof and submersible up to 2 meters. It is also impact resistant up to 1.5 meters. To maintain its waterproof integrity, ensure all O-rings are properly seated and lubricated, and the tail cap is securely tightened before exposure to water.



Figure 7: The Defender P17 submerged, highlighting its IP68 waterproof rating.

2. General Care

- Clean the lens with a soft, clean cloth.
- Periodically inspect and lubricate the O-rings to ensure water resistance.
- Store the flashlight in a cool, dry place when not in use for extended periods.

TROUBLESHOOTING

Common Issues and Solutions:

- Flashlight not turning on:

- Ensure the battery's insulating film has been removed.
- Check if the battery is fully charged.
- Verify the battery is inserted with the correct polarity.
- Ensure the tail cap is screwed on tightly.

• **Dim or flickering light:**

- The battery may be low; recharge it.
- Clean the battery contacts and flashlight threads.

If you encounter issues not listed here or if the problem persists, please contact ACEBEAM customer support for assistance.

SPECIFICATIONS

Below are the detailed technical parameters for the ACEBEAM Defender P17 Tactical Flashlight.

Feature	Specification
Brand	ACEBEAM
Model Number	P17-tactical flashlight
Special Feature	Adjustable Light Modes
Color	Dark Green
Power Source	Battery Powered
Light Source Type	LED (XHP70.3 HI)
Material	Anodized Aluminum
White Brightness	4900 Lumens (Max)
Included Components	Batteries included
Product Dimensions	5.79"D x 1.61"W x 1.02"H
Voltage	3.6 Volts (DC)
Light Path Distance	445 Meters (487 Yards)
Battery Cell Composition	Lithium Ion
Item Weight	227 Grams / 8 ounces
Number of Batteries	1 Lithium Ion (included)
Water Resistance Level	Waterproof (IP68)
Runtime	Up to 50000 hours (LED lifespan)
Wattage	25.2 Watts



Figure 8: Visual representation of technical parameters including lumen output and runtime for various modes.

WHAT'S IN THE BOX

- 1 x Defender P17 Flashlight
- 1 x Acebeam 5100mAh Rechargeable Battery (Built-in USB Type-C Port)
- 1 x USB Type-C Charging Cable
- 2 x Spare O-rings
- 1 x User Manual
- 1 x Warranty Card

COMPACT SIZE & GREAT GRIP

Only 5.7" in length and 1.02" in tube diameter, Defender P17 has a stylish grip design that provides a comfortable and secure grip in any situation and condition.



Weight	227g / 8oz (including battery)		
	154g / 5.43oz (excluding battery)		
Tube Diameter	26mm / 1.02"	Length	147mm / 5.79"
Tail Diameter	30mm / 1.18"	Head Diameter	41mm / 1.61"



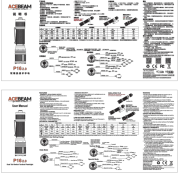
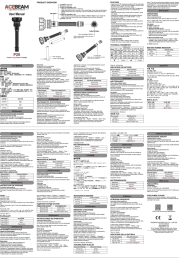


Figure 9: Contents included in the ACEBEAM Defender P17 package.

WARRANTY AND SUPPORT

ACEBEAM products are covered by a manufacturer's warranty. Please refer to the included Warranty Card for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact ACEBEAM customer service through their official website or the retailer where the product was purchased.

For more information, visit the official ACEBEAM Store: [ACEBEAM Store on Amazon](#)

Related Documents - P17-tactical flashlight

	<p>Acebeam Defender P17 Tactical Flashlight User Manual - High Performance Lighting</p> <p>Detailed user manual for the Acebeam Defender P17 tactical flashlight, covering features, technical specifications, operation, safety warnings, maintenance, and warranty information.</p>
	<p>ACEBEAM Defender P18 Tactical Flashlight User Manual - Features, Specs, and Operation</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>ACEBEAM P16 2.0 Dual Tail Switch Tactical Flashlight User Manual</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>Acebeam P20 User Manual: Powerful Long Distance Tactical Flashlight</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>ACEBEAM K1 Compact EDC Flashlight User Manual</p> <p>Official user manual for the ACEBEAM K1 Compact EDC Flashlight, detailing features, operations, technical parameters, warranty, and safety guidelines. Learn how to use your K1 flashlight with its three light sources and USB-C charging.</p>
	<p>ACEBEAM L19 2.0 Long Range Tactical Flashlight User Manual</p> <p>Comprehensive user manual for the ACEBEAM L19 2.0, a long-range tactical flashlight. Features include LED specifications, operation instructions, warnings, maintenance, and warranty information.</p>