

ACEBEAM M2-X

Acebeam Terminator M2-X Dual Head Spot/Flood EDC Flashlight User Manual

Model: M2-X

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation, maintenance, and troubleshooting of your Acebeam Terminator M2-X Dual Head Spot/Flood EDC Flashlight. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

2. SAFETY INSTRUCTIONS

- **Eye Protection:** Do not shine the flashlight directly into eyes. The powerful beam can cause temporary vision impairment or permanent damage.
- **Heat Warning:** The flashlight may become hot during prolonged use at high output levels. Handle with care to avoid burns.
- **Battery Safety:**
 - Use only the recommended 18650 Lithium-Ion battery.
 - Do not disassemble, puncture, or short-circuit the battery.
 - Keep batteries away from water and fire.
 - If the battery is damaged or leaking, discontinue use immediately.
- **Children:** Keep out of reach of children.
- **Disassembly:** Do not attempt to disassemble the flashlight head or body, as this may damage the device and void the warranty.

3. PACKAGE CONTENTS

Upon opening your Acebeam Terminator M2-X package, please verify that all items are present and in good condition.



Figure 3.1: The Acebeam Terminator M2-X flashlight, an included 3100mAh 18650 battery, and two USB-C charging cables.

- Acebeam Terminator M2-X Flashlight
- Acebeam ARC18650H-310A 3100mAh 18650 Li-ion Battery (with integrated USB-C charging port)
- USB-C Charging Cable
- User Manual (this document)
- Lanyard (if included)
- Spare O-rings (if included)

4. PRODUCT OVERVIEW

The Acebeam Terminator M2-X is a compact, dual-head EDC (Everyday Carry) flashlight featuring both a floodlight and a spotlight, along with auxiliary RGB lights. It is designed for versatility in various lighting scenarios.



Figure 4.1: The compact design and dimensions of the M2-X, suitable for everyday carry.

4.1 Key Features

- **Dual Light Sources:** Independent floodlight and spotlight for varied illumination needs.
- **High CRI Floodlight:** Nichia 519A 5000K High CRI90 LEDs for accurate color rendering.
- **Powerful Spotlight:** Long-range beam for distant illumination.
- **Auxiliary RGB Lights:** Multiple color options and signal modes.
- **Compact Design:** Durable aluminum construction with a detachable body clip for easy carry.

4.2 Components



Figure 4.2: Detailed view of the floodlight (left) and spotlight (right) heads.

- **Floodlight Head:** Contains 3x Nichia 519A 5000K High CRI90 LEDs.
- **Spotlight Head:** Single LED for focused, long-distance beam.
- **Auxiliary Light Emitters:** Located within the floodlight head for RGB functions.
- **Tail Switch:** For power on/off and brightness adjustment.
- **Side Button:** For switching between floodlight, spotlight, and auxiliary light modes.
- **Battery Cap:** Removable for battery access.
- **Body Clip:** Detachable stainless steel clip for secure attachment.

5. SETUP

5.1 Battery Installation

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert the included Acebeam 18650 battery with the positive (+) terminal facing towards the flashlight head.
3. Screw the tail cap back on clockwise, ensuring it is tightened completely. The flashlight will not operate if the tail cap is not fully secured.

5.2 Initial Charging

The included 18650 battery features an integrated USB-C charging port. It is recommended to fully charge the battery before first use.

1. Locate the USB-C port on the side of the 18650 battery.
2. Connect the provided USB-C cable to the battery's port and to a USB power source (e.g., wall adapter, computer USB port).
3. The indicator light on the battery will show charging status (typically red for charging, green for fully charged).
4. Once fully charged, disconnect the cable and reinsert the battery into the flashlight.

6. OPERATING INSTRUCTIONS

The Acebeam Terminator M2-X features a tail switch for power and brightness, and a side button for mode selection (Floodlight, Spotlight, Auxiliary Light).



Figure 6.1: Overview of multi-light sources and mode selection.

6.1 Basic Operation (Tail Switch)

- **Power ON/OFF:** Single click the tail switch to turn the flashlight ON or OFF.
- **Brightness Adjustment (Floodlight/Spotlight):** When the light is ON, press and hold the tail switch to cycle through brightness levels (Moonlight, Low, Med1, Med2, High, Turbo for Floodlight; High for Spotlight). Release the switch at your desired level. The light will memorize the last used brightness level for Floodlight and Spotlight independently.
- **Instant Turbo:** From OFF, press and hold the tail switch for approximately 1 second to activate Turbo mode directly. Release to turn OFF.
- **Moonlight Mode (Floodlight only):** From OFF, press and hold the tail switch for approximately 0.5 seconds to activate Moonlight mode.

6.2 Mode Selection (Side Button)

The side button controls which light source is active (Floodlight, Spotlight, or Auxiliary Light).

- **Switching Main Modes:** Single click the side button to cycle between Floodlight, Spotlight, and Auxiliary Light modes. The flashlight will remember the last selected mode.
- **Floodlight + Spotlight (Combined Mode):** From either Floodlight or Spotlight mode, double-click the side button to activate both simultaneously. Double-click again to return to the previous single mode.
- **Strobe (Floodlight):** From Floodlight mode, triple-click the tail switch to activate Strobe. Single click the tail switch to turn OFF.

6.3 Auxiliary Light Modes

When in Auxiliary Light mode (selected via the side button), the tail switch controls the RGB light functions.



Figure 6.2: Available auxiliary light modes.

- **Cycling RGB Colors:** With the auxiliary light ON, single click the tail switch to cycle through: Seven-color automatic cycle, Red, Green, Blue, Green-Signal Light, Red-SOS.

- **Turning OFF Auxiliary Light:** Press and hold the tail switch while in Auxiliary Light mode to turn it OFF.

6.4 Battery Level Indicator

The M2-X features an indicator light to show battery status. This indicator typically turns red when the battery charge drops below 20%.

7. MAINTENANCE

- **Cleaning:** Clean the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Threads and O-rings:** Periodically lubricate the threads and O-rings with silicone grease to maintain water resistance. Replace O-rings if they appear damaged or worn.
- **Battery Care:**
 - Store the battery in a cool, dry place when not in use.
 - If storing for extended periods, charge the battery to approximately 50% capacity.
 - Avoid fully discharging the battery, as this can reduce its lifespan.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn ON.	Battery not installed correctly. Battery is depleted. Tail cap not fully tightened.	Ensure battery positive (+) terminal faces the head. Charge the battery fully. Tighten the tail cap completely until snug.
Light output is dim or flickers.	Low battery charge. Poor contact between battery and terminals.	Recharge the battery. Clean battery contacts and flashlight terminals.
Cannot switch between Floodlight/Spotlight/Auxiliary modes.	Side button malfunction or incorrect operation.	Ensure you are single-clicking the side button. If issue persists, contact support.
Auxiliary RGB lights are very dim.	This is normal operation for the auxiliary lights.	The auxiliary RGB lights are designed for low output signaling and close-range use, not for illumination.

9. SPECIFICATIONS



Figure 9.1: Detailed technical parameters for the M2-X.

Feature	Detail
Model	Acebeam Terminator M2-X
LED (Floodlight)	3x Nichia 519A 5000K High CRI90
Max Output (Floodlight)	2,000 Lumens
Max Output (Spotlight)	900 Lumens
Max Runtime (Floodlight Moonlight)	38 hours
Max Runtime (Spotlight High)	1 hour 50 minutes
Max Beam Distance (Floodlight)	164 meters
Max Beam Distance (Spotlight)	500 meters
Max Beam Intensity (Floodlight)	6724 cd
Max Beam Intensity (Spotlight)	62500 cd
Auxiliary Lights	Seven-color cycle, Red, Green, Blue, Green-Signal, Red-SOS (0.5 lumens each)
Power Source	1x 18650 Lithium-Ion Battery (included)
Material	Aluminum
Water Resistance Level	Waterproof
Dimensions (Length x Height x Width)	95.4mm x 48.5mm x 29mm (3.75" x 1.90" x 1.14")
Weight (including battery)	197.2g (6.95 oz)





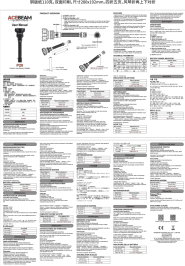

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Acebeam website or contact your authorized Acebeam dealer. Keep your purchase receipt as proof of purchase for any warranty claims.

Acebeam Official Website: www.acebeam.com

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Related Documents - M2-X

	<p>ACEBEAM Terminator M2-X Multi-Light EDC Flashlight User Manual</p> <p>Comprehensive user manual for the ACEBEAM Terminator M2-X flashlight, detailing features, specifications, operating instructions, and maintenance for this multi-light source EDC flashlight.</p>
	<p>Acebeam X20 High-Lumen LED Flashlight User Manual</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>ACEBEAM Pokelit AA Titanium EDC Flashlight User Manual</p> <p>Comprehensive user manual for the ACEBEAM Pokelit AA Titanium EDC flashlight, detailing features, operation, specifications, maintenance, and warranty information.</p>
	<p>Acebeam Pokelit AA Pocket EDC Flashlight User Manual</p> <p>User manual for the Acebeam Pokelit AA, a compact and portable rechargeable EDC flashlight. Features include NICHIA 219F LED, 550 lumens max output, multiple brightness levels, USB-C charging, and IP68 waterproof rating. Includes specifications, operating instructions, warnings, maintenance, and warranty information.</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 H17 L-Shaped Headlamp User Manual 2000 Lumens</p> <p>Comprehensive user manual for the Acebeam H17 L-shaped headlamp. Learn about features, specifications, operation, maintenance, and warranty for this powerful 2000-lumen LED flashlight.</p>