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> DARKBEAM UV 365nm Rechargeable 3-in-1 LED Flashlight A200 User Manual

DARKBEAM A200

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Model: A200 | Brand: DARKBEAM

1. PRODUCT OVERVIEW

The DARKBEAM A200 is a versatile 3-in-1 LED flashlight designed for various applications. It features a powerful white LED, a 365nm UV light, and a COB (Chip-on-Board) side light with white and red modes. This flashlight is rechargeable, includes a magnetic base for hands-free operation, and offers adjustable focus.



Image: The DARKBEAM A200 3-in-1 LED flashlight, showcasing its compact design and multiple light sources.

Key Features:

- **3-in-1 Lighting:** White LED, 365nm UV light, and COB white/red side light.
- **7 Lighting Modes:** White (High, Low, Strobe), UV 365nm, COB (White, Red, Red Strobe).
- **Adjustable Focus:** Zoom in for spotlight, zoom out for floodlight.
- **Magnetic Base:** For hands-free attachment to metal surfaces.
- **USB Rechargeable:** Built-in rechargeable Lithium-ion battery.
- **Durable Design:** IPX4 waterproof rating and aluminum construction.

2. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x DARKBEAM A200 Flashlight
- 1 x High-capacity 3400mAh Rechargeable Lithium-ion Battery (pre-installed)
- 1 x USB Charging Cable

3. SETUP AND CHARGING

3.1 Initial Charge

Before first use, fully charge the flashlight. The battery is pre-installed.

1. Locate the USB charging port on the flashlight.
2. Connect the provided USB charging cable to the flashlight's port and to a standard USB power source (e.g., wall adapter, computer USB port).
3. The indicator light will show charging status (e.g., red for charging, green for fully charged).
4. Allow approximately 4-6 hours for a full charge.



Image: Close-up of the flashlight's USB charging port.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Mode Selection

The flashlight features a single button for power and mode cycling.

- **To Turn On:** Press the power button once. The flashlight will turn on in the last used mode (if memory function is present, otherwise it will start from the first mode).
- **To Cycle Modes:** While the flashlight is on, press the power button repeatedly to cycle through the 7 available lighting modes:
 - White LED: High brightness
 - White LED: Low brightness
 - White LED: Strobe
 - UV 365nm Light
 - COB Side Light: White
 - COB Side Light: Red
 - COB Side Light: Red Strobe
- **To Turn Off:** Press and hold the power button for approximately 2 seconds from any mode.



Image: Diagram illustrating the 7 lighting modes and the smart switch function.

4.2 Adjustable Focus

The front lens of the flashlight can be adjusted to change the beam focus.

- **Zoom Out (Floodlight):** Pull the lens head forward to widen the beam for a broad area illumination.
- **Zoom In (Spotlight):** Push the lens head backward to narrow the beam for long-distance observation.



1 Zoom out



2 Zoom in



Image: Illustration of the flashlight's adjustable focus mechanism, showing extended and retracted positions.

4.3 Magnetic Base Usage

The flashlight is equipped with a strong magnetic base for convenient hands-free operation.

- Attach the magnetic base to any ferrous metal surface, such as car hoods, metal pipes, or workbenches.
- The COB side light is particularly useful when using the magnetic base for area illumination.

Magnetic&COB sidelight



Image: Examples of the magnetic base in action, holding the flashlight to a metal surface for hands-free lighting.

5. MAINTENANCE

5.1 Charging

Recharge the flashlight when the light output diminishes or when the charging indicator suggests a low battery. Use the provided USB cable for optimal charging.

5.2 Cleaning

Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents. Keep the lens clean for optimal light output.

5.3 Battery Care

The flashlight uses a Lithium-ion battery. To prolong battery life:

- Avoid fully discharging the battery frequently.
- Store the flashlight in a cool, dry place when not in use for extended periods.
- Charge the flashlight every 3-6 months if stored, to maintain battery health.

5.4 Water Resistance

The flashlight has an IPX4 waterproof rating, meaning it is resistant to splashing water from any direction. It is not designed for submersion in water.



Image: The flashlight being splashed with water, illustrating its IPX4 water resistance.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted or not properly installed.	Charge the flashlight fully. Ensure the battery is correctly seated.
Light output is dim.	Low battery.	Recharge the flashlight.
Flashlight does not charge.	Faulty USB cable or power source. Charging port obstruction.	Try a different USB cable and power source. Check the charging port for debris.

Problem	Possible Cause	Solution
Cannot switch modes.	Button malfunction or low battery.	Ensure the battery is charged. Press the button firmly. If issue persists, contact support.

7. SPECIFICATIONS

Feature	Detail
Model Number	A200
Dimensions (L x W x H)	14.5 x 3.1 x 2.6 cm (5.7 x 1.2 x 1.0 inches)
Weight	200 grams (7.05 ounces)
Light Source Type	LED (White), UV LED (365nm), COB (White & Red)
White Light Brightness	Up to 1200 Lumens
Beam Distance	Up to 660 feet (200 meters)
Battery Type	1 x 3400mAh Rechargeable Lithium-ion (18650 type)
Run Time	Up to 15 hours (on low setting)
Charging Voltage	5 Volts
Power (Wattage)	10 Watts
Material	Aluminum
Waterproof Rating	IPX4
Special Features	Magnetic Base, Adjustable Focus, UV 365nm, COB Sidelight

8. SAFETY INFORMATION

- **UV Light Warning: DO NOT LOOK DIRECTLY AT THE UV LIGHT WITHOUT PROPER EYE PROTECTION.** Prolonged exposure to UV light can be harmful to eyes and skin.
- Keep out of reach of children.
- Do not disassemble the flashlight, as this may void the warranty and cause damage.
- Use only the provided or a compatible USB cable for charging.
- Avoid exposing the flashlight to extreme temperatures or direct sunlight for extended periods.
- Dispose of batteries according to local regulations.