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› APLOS AP150 Dive Light User Manual

APLOS AP150

APLOS AP150 Dive Light User Manual

Model: AP150 | Brand: APLOS

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your APLOS AP150 Dive Light. Please read this manual thoroughly before operation and retain it for future reference. The APLOS AP150 is a high-performance diving flashlight designed for underwater illumination, featuring a robust construction and multiple lighting modes.



Image: The APLOS AP150 Dive Light shown alongside its protective carrying case, highlighting its compact design and included accessories.

PRODUCT STRUCTURE AND COMPONENTS

The APLOS AP150 Dive Light is constructed from AL-6061-T6 aircraft-grade aluminum with a military regulation 3 hard anodized finish, ensuring abrasion and seawater corrosion resistance. It features a high penetration tempered glass lens for shock resistance and waterproofing.

Product Structure

AL-6061-T6 aircraft grade aluminum body, military regulations III hard anodized finish, abrasion and seawater corrosion resistance



Image: An exploded diagram illustrating the key components of the AP150 Dive Light, including the high transparent tempered glass lens, magnetic rotary switch, waterproof O-rings, and high-quality aluminum alloy body.

Key Components:

- **High Transparent Tempered Glass Lens:** Provides clear light transmission and durability.
- **Magnetic Rotary Switch:** Allows for easy mode selection.
- **Waterproof O-rings:** Two O-rings ensure a secure, watertight seal.
- **Aircraft-Grade Aluminum Body:** AL-6061-T6 material for strength and corrosion resistance.
- **LED Bulbs:** Four XHP50.2 LED bulbs for powerful illumination.

SETUP

Battery Installation and Charging:

The APLOS AP150 Dive Light uses rechargeable Lithium Ion batteries. Ensure batteries are fully charged before first use.

1. Unscrew the tail cap of the flashlight counter-clockwise.

2. Insert the two Lithium Ion batteries according to the polarity indicators (+/-).
3. Carefully inspect the O-rings for any debris or damage. Apply a thin layer of silicone grease if necessary to maintain the waterproof seal.
4. Screw the tail cap back on clockwise until it is securely tightened. Do not overtighten.
5. To charge the batteries, remove them from the flashlight and place them into the provided USB charger. Connect the USB charger to a power source using the supplied USB cable.

Packing List

1 x AP150 rechargeable flashlight
2 x Waterproof o-rings

1 x USB charger
1 x User manual

1 x USB cable
1 x Envelope

1 x Wrist strap
1 x Suitcase



Image: The packing list showing the AP150 rechargeable flashlight, USB charger, USB cable, wrist strap, waterproof O-rings, user manual, envelope, and suitcase.

OPERATING INSTRUCTIONS

Power On/Off and Mode Selection:

The AP150 features a magnetic rotary switch for easy operation, even with gloves on.

1. **To Turn On:** Rotate the magnetic switch clockwise from the "OFF" position.

2. **To Change Modes:** Continue rotating the switch clockwise to cycle through the four lighting modes:

- **High (15000 lumens):** Approximately 1.5 hours runtime.
- **Medium (7000 lumens):** Approximately 3 hours runtime.
- **Low (2000 lumens):** Approximately 6 hours runtime.
- **SOS (7000 lumens):** Approximately 3.5 hours runtime.

3. **To Turn Off:** Rotate the magnetic switch counter-clockwise back to the "OFF" position.



Image: A visual representation of the four work lighting modes (High, Medium, Low, SOS) with their respective lumen outputs and approximate runtimes.

Underwater Use:

The AP150 has an IPX8 waterproof rating, allowing for a maximum underwater dive depth of 150 meters (492 feet). It is suitable for various water activities.

IPX8 Waterproof Rating



Underwater
150m (492ft)



Beam Distance
356m (1050ft)



Image: A hand holding the AP150 Dive Light underwater, illustrating its IPX8 waterproof rating and impressive beam distance of 356 meters (1050 feet).

Multiple Applications

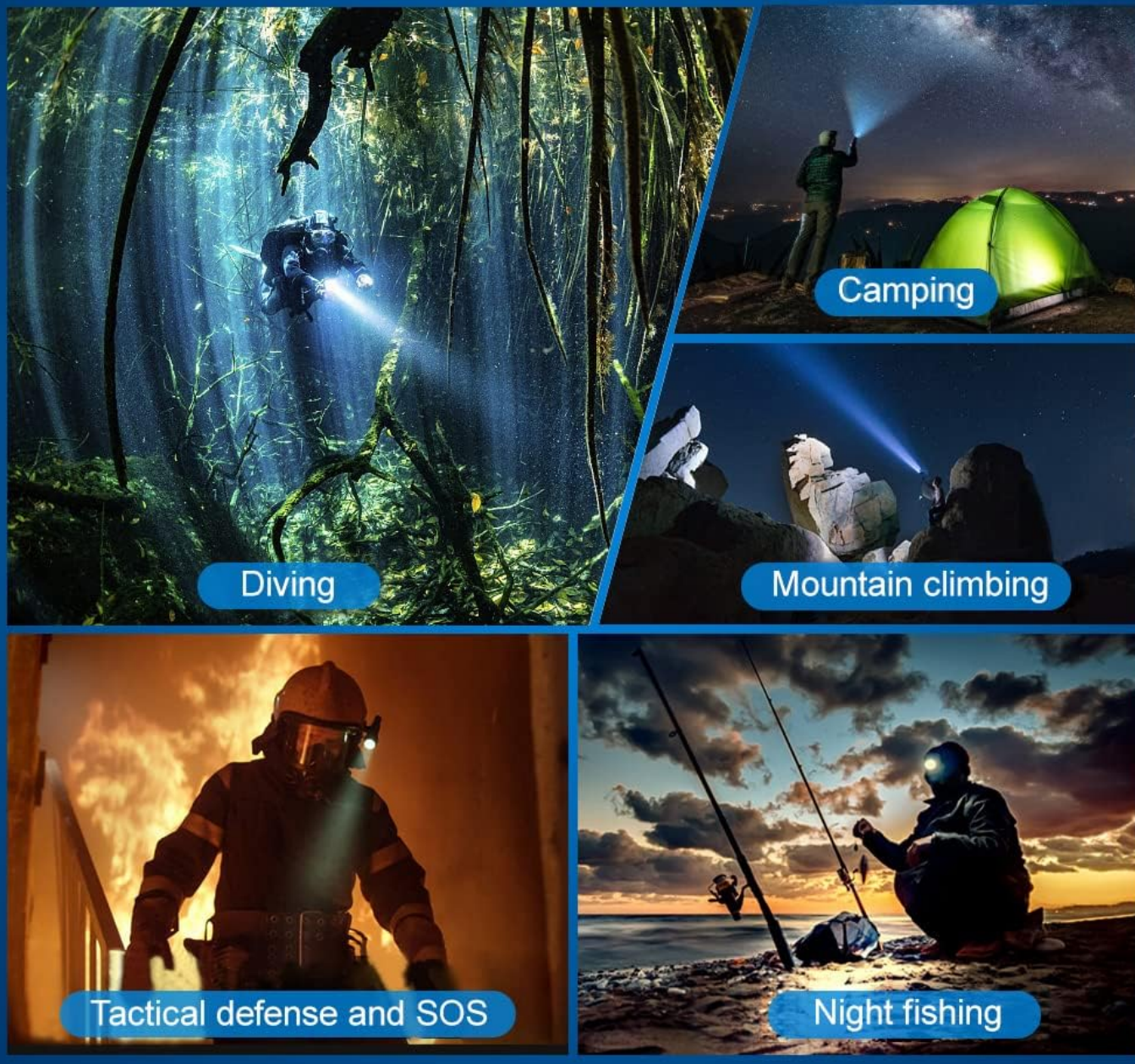


Image: A collage depicting multiple applications of the AP150 Dive Light, including diving, mountain climbing, camping, tactical defense/SOS, and night fishing.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your dive light.

- **After Each Dive:** Rinse the flashlight thoroughly with fresh water to remove salt, sand, or other debris.
- **O-ring Care:** Regularly inspect the O-rings for cuts, cracks, or dirt. Clean them and apply a thin layer of silicone grease before each dive to maintain the waterproof seal. Replace damaged O-rings immediately.
- **Battery Care:** Store batteries in a cool, dry place. If not using the light for an extended period, remove the batteries to prevent leakage.
- **Charging:** Only use the provided charger and cable. Do not overcharge batteries.
- **Storage:** Store the dive light in its protective case in a cool, dry environment away from direct sunlight.

TROUBLESHOOTING

If you encounter issues with your AP150 Dive Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	Batteries are dead or low. Batteries inserted incorrectly. Tail cap not fully tightened. Damaged O-rings or debris preventing contact.	Charge or replace batteries. Check battery polarity. Tighten tail cap securely. Inspect and clean O-rings; replace if damaged.
Light is dim or flickers.	Low battery charge. Poor contact between components.	Recharge batteries. Ensure all parts are clean and securely assembled.
Water ingress.	Damaged or improperly seated O-rings. Tail cap not tightened.	Inspect, clean, and grease O-rings; replace if damaged. Ensure tail cap is fully tightened before diving.

SPECIFICATIONS

Feature	Detail
Model Number	AP150
Light Source	4 x XHP50.2 LED
Maximum Brightness	15000 Lumens
LED Lifespan	50,000 hours
Beam Distance	356 meters
Waterproof Rating	IPX8
Maximum Dive Depth	150 meters (492 feet)
Material	AL-6061-T6 Aircraft-Grade Aluminum
Finish	Military Regulation 3 Hard Anodized
Lens	High Penetration Tempered Glass
Dimensions	19.2 x 5.2 x 3 cm
Weight	962 g
Battery Type	2 x Lithium Ion (included)
Voltage	7.4 Volts
Special Features	Rechargeable, Magnetic Rotary Switch

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official APLOS website. Keep your proof of purchase for warranty claims.

Manufacturer: Nan Jing You Yi Rui Dian Zi Shang Wu You Xian Gong Si

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question