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Suptig RSX-220

Suptig Underwater LED Video Light

Model: RSX-220

Brand: Suptig

INTRODUCTION

The Suptig Underwater LED Video Light (Model RSX-220) is a versatile and durable lighting solution designed for action cameras, including GoPro, DJI Action, and Insta360 models. Engineered for underwater use up to 45 meters (147 feet), this dimmable LED light enhances visibility and color accuracy in low-light environments, both above and below the surface. Its compact design and multiple light modes make it an essential accessory for capturing high-quality footage during diving, snorkeling, cycling, camping, and other outdoor activities.



Image: Suptig Underwater LED Video Light with its accessories, including the light unit, rechargeable battery, USB charging cable, and a small wrench for mounting.

WHAT'S INCLUDED

Please check the package contents upon unboxing to ensure all items are present:

- 1 x Suptig Underwater LED Video Light Unit
- 1 x Rechargeable Lithium-Ion Battery (1050mAh)
- 1 x USB Charging Cable
- 1 x Mounting Key/Wrench
- 1 x Quick Release Buckle Mount
- 1 x Thumbscrew



Image: The complete set of items included in the Suptig Underwater LED Video Light package, laid out next to its retail box.

PRODUCT FEATURES

- **Wide Compatibility:** Designed to work seamlessly with GoPro Hero series (13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 3+, Session, +), GoPro Max, GoPro Fusion, DJI Osmo, AKASO, Insta360 Ace Pro, and other action cameras.
- **Waterproof Design:** Fully waterproof up to 45 meters (147 feet), making it ideal for diving, snorkeling, and other water sports.
- **Multiple Light Modes:** Features three distinct lighting modes:
 - Normal (HI): Provides maximum brightness for 1.5 hours.
 - Power Saving (LOW): Extends battery life with reduced brightness for 4 hours.
 - Flash (SOS): A signaling mode for emergencies, lasting 6 hours.
- **Rechargeable Battery:** Equipped with a 1050mAh lithium-ion battery for extended use.
- **Compact and Portable:** Dimensions of 7.5 cm (L) x 4.2 cm (W) x 7 cm (H) and a weight of 3.2 ounces (0.26 lb) ensure easy portability and handling.



Image: An illustration highlighting the broad compatibility of the Suptig light with popular action camera brands and models.

SETUP GUIDE

1. Battery Installation

1. Locate the waterproof back cover on the light unit.
2. Open the back cover by releasing the latch mechanism.
3. Insert the provided 1050mAh Lithium-Ion battery into the battery compartment, ensuring correct polarity.
4. Securely close the waterproof back cover until the latch clicks into place. Ensure a tight seal to maintain waterproof integrity.

2. Charging the Battery

1. With the battery installed, open the waterproof back cover.
2. Connect the Micro USB charging cable to the Micro USB Charging Port located inside the battery compartment.
3. Connect the other end of the USB cable to a standard USB power source (e.g., computer, wall adapter).
4. The LED Battery Charge Indicator will illuminate during charging. It will change color or turn off once fully charged.
5. Once charging is complete, disconnect the cable and securely close the waterproof back cover.



Image: A detailed view of the Suptig light's internal components, including the Micro USB charging port, battery pack, and LED battery charge indicator, along with its physical dimensions.

3. Mounting to Action Camera

The Suptig light uses a standard GoPro-style mounting system. Attach the light to your action camera's housing or other compatible accessories using the provided quick release buckle mount and thumbscrew. Ensure the connection is secure before use, especially in water.

OPERATING INSTRUCTIONS

Power On/Off and Mode Selection

The Suptig light features a single button for power control and mode cycling:

- **To Power On:** Press and hold the power button for approximately 2-3 seconds. The light will turn on in the last used mode or default to Normal (HI) mode.
- **To Change Modes:** Briefly press the power button to cycle through the available modes:
 - Normal (HI) Brightness
 - Power Saving (LOW) Brightness
 - Flash (SOS) Mode
- **To Power Off:** Press and hold the power button for approximately 2-3 seconds until the light turns off.

Light Modes and Battery Life

Mode	Description	Approximate Running Time
Normal (HI)	Maximum brightness for optimal illumination.	1.5 hours

Mode	Description	Approximate Running Time
Power Saving (LOW)	Reduced brightness to conserve battery.	4 hours
Flash (SOS)	Flashing signal for emergency situations.	6 hours



Image: A visual demonstration of the Suptig light's effectiveness, contrasting a dark scene with the same scene illuminated by the light.



Image: The Suptig light illuminating an underwater coral reef, showcasing its ability to enhance visibility and color in aquatic environments.

MAINTENANCE

- **After Each Use (especially in saltwater):** Rinse the light thoroughly with fresh water. Do not use hot water.
- **Drying:** Wipe the light dry with a soft cloth. Allow it to air dry completely before storing.
- **O-Ring Care:** Periodically inspect the O-ring seal on the back cover for any signs of damage, cracks, or debris. Keep the O-ring clean and free of sand or lint. A small amount of silicone grease can be applied to the O-ring to maintain its elasticity and sealing properties.
- **Storage:** Store the light in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For long-term storage, charge the battery to about 50% and remove it from the device. Recharge the battery every 3-6 months to prevent deep discharge.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted or not installed correctly.	Charge the battery fully. Ensure the battery is inserted with correct polarity.
Light turns off unexpectedly.	Low battery.	Recharge the battery.
Water leakage into the unit.	Back cover not sealed properly; damaged O-ring; debris on O-ring.	Immediately remove the battery and allow the unit to dry completely. Inspect the O-ring for damage or debris and clean it. Apply silicone grease if necessary. Ensure the back cover is securely latched before next use. If damage persists, discontinue use.
Light output is dim.	Light is in Power Saving (LOW) mode; low battery.	Cycle through modes to Normal (HI) brightness. Recharge the battery.

SPECIFICATIONS

Feature	Detail
Model Number	RSX-220
Dimensions (L x W x H)	7.5 cm x 4.2 cm x 7 cm (3 x 1.5 x 3 inches)
Weight	90.7 grams (3.2 ounces)
Waterproof Depth	Up to 45 meters (147 feet)
Battery Type	1 x 1050mAh Lithium Ion (included)
Light Modes	Normal (HI), Power Saving (LOW), Flash (SOS)
Running Time (HI)	1.5 hours
Running Time (LOW)	4 hours
Running Time (SOS)	6 hours

Feature	Detail
Charging Interface	Micro USB
Manufacturer	Suptig
Country of Origin	China

WARRANTY AND SUPPORT

All Suptig LED waterproof lights are backed by a **24-Month Warranty** from the date of purchase. Additionally, we offer a **30 Days Money Back Guarantee**. If you encounter any issues with your product, please contact Suptig customer support for assistance.

For support inquiries, please refer to the contact information provided on the official Suptig website or your purchase documentation.