Suptig RSX-349

Suptig RSX-349 Waterproof LED Video Light Instruction Manual

Model: RSX-349

1. Product Overview

The Suptig RSX-349 Waterproof LED Video Light is a versatile lighting solution designed for various photography and videography needs, especially in challenging environments. It features 84 high-brightness LEDs, an integrated 2600mAh lithium battery, and is waterproof up to 50 meters (164 feet). This light is compatible with a wide range of cameras, including GoPro action cameras and various DSLR models from brands like Canon, Nikon, Sony, and Panasonic.

1.1 Intended Use

This product is intended for use as an auxiliary light source for photography and videography, particularly in underwater settings, low-light conditions, or during outdoor activities such as diving, camping, and cycling. It is designed to enhance illumination and color accuracy in your captured media.

1.2 Key Features

- **Broad Compatibility**: Works with popular action cameras (GoPro Hero series, Akaso, DJI Action, Insta 360 Ace Pro) and DSLR cameras (Canon, Nikon, Sony, Panasonic, Pentax).
- **Deep Waterproofing**: Certified waterproof up to 50 meters (164 feet), enabling reliable performance for underwater photography and diving.
- **Powerful Illumination**: Equipped with 84 high-brightness LEDs, providing 5000 lux illumination and a 5500K color temperature for clear and vibrant visuals.
- **Multiple Lighting Modes**: Offers four distinct lighting modes: High Brightness (approx. 2.5 hours), Medium Brightness (approx. 3.5 hours), Low Brightness (approx. 5 hours), and Emergency/SOS Mode (approx. 9 hours).
- **Integrated Rechargeable Battery**: Features a built-in 2600mAh lithium battery, conveniently rechargeable via a micro USB cable.
- **Durable Construction**: Made from stainless steel and ultra-resistant polycarbonate, ensuring rust resistance and longevity even with frequent deep-water use.
- **Compact Design**: Measures 11 cm x 10 cm x 5.5 cm, making it portable and easy to integrate with camera setups.



Image: Suptig RSX-349 LED Video Light with 84 LEDs, highlighting underwater photography specifications and various function icons.



Image: Diver holding the Suptig waterproof LED light underwater, illustrating its IP68 waterproof technology for perfect photos and videos.

2. Package Contents

Please check the package carefully to ensure all items are present:

- 1 x Suptig RSX-349 Waterproof LED Video Light
- 1 x Micro USB Charging Cable
- 1 x Mounting Bracket (for action cameras and cold shoe mount for DSLRs)



Image: Suptig LED light with included accessories: battery, remote, and USB cable.

3. Setup

3.1 Charging the Device

1. Locate the micro USB charging port on the side of the light.
2. Connect the provided micro USB cable to the charging port and the other end to a compatible USB power source (e.g., computer, wall adapter).
3. The charging indicator will illuminate to show the charging status.
4. Once charging is complete, disconnect the cable and ensure the port cover is securely closed to maintain waterproofing.

3.2 Mounting the Light

1. **For Action Cameras (e.g., GoPro)**: Attach the light's integrated mounting bracket to your action camera's standard mount. Ensure all screws are tightened for a secure fit.
2. **For DSLR Cameras**: Use the included cold shoe adapter. Slide the adapter onto your DSLR's hot shoe mount, then attach the light to the adapter. Tighten the locking mechanism on the adapter to secure the light.



Image: Suptig LED light mounted on a GoPro action camera and a DSLR camera, demonstrating compatibility.



Image: Diagram showing the dimensions of the Suptig LED light and the location of the On/Off button and charging port.

4. Operating Instructions

4.1 Power On/Off

- To power on the device, press and hold the **On/Off button** (labeled "Marche/Arrêt" in some diagrams) for a few seconds until the LEDs illuminate.
- To power off the device, press and hold the **On/Off button** again until the LEDs turn off.

4.2 Changing Lighting Modes

- Once the light is powered on, short press the **On/Off button** to cycle through the available lighting modes.

- The modes are: High Brightness, Medium Brightness, Low Brightness, and Emergency/SOS Mode.
- Refer to the mode indicators (I, II, III, SOS) on the device to identify the current mode.



Image: Suptig LED light displaying its four lighting modes: High, Mid, Low, and SOS, along with battery life and brightness information.

4.3 Underwater Use

- Before submerging the light, ensure the micro USB charging port cover is completely and securely sealed to prevent any water ingress.
- The light is rated for depths up to 50 meters (164 feet). Always verify the integrity of the seals before deep dives.
- Adjust lighting modes as needed for optimal visibility and photographic results underwater.



Image: Suptig LED light submerged in water, illustrating its 164ft (50 meters) waterproof capability.



Image: Comparison image showing the benefit of using the Suptig light underwater, with one side dark and the other brightly illuminated.

5. Maintenance

5.1 Cleaning

- After each use, especially in saltwater, rinse the light thoroughly with fresh water to remove salt and debris.
- Wipe the light with a soft, clean cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the seals or surface finish.
- Ensure the charging port and its cover are free from debris and properly sealed after cleaning.

5.2 Storage

- Store the light in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, ensure the battery is partially charged (around 50%) to prolong its lifespan. Avoid storing with a completely depleted or fully charged battery for extended periods.

- Keep the light away from sharp objects that could scratch or damage the waterproof seals.

6. Troubleshooting

6.1 Light Not Turning On

- **Battery Check**: Ensure the battery is charged. Connect the light to a power source using the micro USB cable and allow it to charge for at least 30 minutes.
- **Power Button**: Confirm that the power button is pressed and held correctly for a few seconds to activate the device.

6.2 Short Battery Life

- **Mode Usage**: High brightness mode consumes power faster. Using lower brightness settings will extend battery life.
- **Full Charge**: Ensure the battery is fully charged before each use.
- **Battery Degradation**: Over time, all rechargeable batteries naturally degrade. If battery life significantly decreases despite proper charging and usage, the battery may be nearing the end of its lifespan.

6.3 Water Leakage

- **Immediate Action**: If water is suspected to have entered the device, immediately discontinue use and dry the exterior. Do not attempt to charge or operate the light.
- **Seal Integrity**: Always ensure the charging port cover and any other seals are completely and securely closed before submersion. Even a small gap can compromise waterproofing.
- **Contact Support**: If leakage occurs, contact customer support. This may indicate a defect or damage to the waterproof seals that requires professional attention.

7. Specifications

Feature	Detail
Brand	Suptig
Model Name	RSX-349
Part Number	RSX-349
UPC	717390576540, 717390576359
Product Dimensions (L x W x H)	11L x 10W x 5.5H centimeters
Connectivity Technology	USB
Hardware Interface	USB
Battery Life (Average)	150 minutes (2.5 hours on high brightness)
Flash Modes Description	Adjustable brightness with 4 lighting modes
Water Resistance Level	Waterproof (up to 50 meters / 164 feet)
Compatible Devices	Action Camera, Canon, Nikon, Sony, GoPro Hero 6/5/4/3+/3/Session, Olympus, Panasonic

Feature	Detail
Color	Black
Light Sensitivity	High
Shooting Modes	High brightness, Medium brightness, Low brightness, SOS mode
Manufacturer	Suptig
Country of Origin	China

8. Warranty and Support

8.1 Warranty Information

The Suptig RSX-349 Waterproof LED Video Light comes with a **2-Year Limited Warranty**. This warranty covers manufacturing defects and issues arising from normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Suptig customer support through the retailer where the product was purchased or visit the official Suptig website for contact information. Please have your model number (RSX-349) and purchase details ready when contacting support.

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