

Shadowhawk S1979

Shadowhawk S1979 365nm UV Flashlight User Manual

Model: S1979 | Brand: Shadowhawk

INTRODUCTION

The Shadowhawk S1979 365nm UV Flashlight is a powerful and versatile ultraviolet light source designed for various detection and inspection tasks. Featuring a 365nm UV LED and a multi-layer filter lens, it provides pure UV light with minimal visible glare, enhancing the visibility of fluorescent materials. This manual provides essential information for the safe and effective use of your new UV flashlight.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Shadowhawk S1979 365nm Flashlight
- 1 x 6000mAh Rechargeable Battery
- 1 x USB-C Charging Cable
- 3 x AAA Alkaline Batteries
- 1 x AAA Battery Holder
- 1 x Flashlight Holster
- 1 x Lanyard
- 1 x User Manual
- 1 x Gift Box (for storage and transport)
- 2 x UV Test Cards



Figure 1: The Shadowhawk S1979 UV Flashlight kit, including the flashlight, hard case, and various accessories.

PRODUCT FEATURES

- **365nm UV LED with Filter Lens:** Utilizes a 4-core 365nm UV LED source and a multi-layer black UV filter lens to block 99% of visible light, ensuring purer UV output and stronger fluorescence.
- **High Power Output:** Delivers up to 30W of UV light, providing a long beam range for effective detection.
- **Rechargeable Battery:** Equipped with a 6000mAh rechargeable battery offering up to 10 hours of runtime (in high mode, non-focusing).
- **USB-C Fast Charging & Power Bank Function:** Supports USB-C fast charging (full in 2 hours) and features a USB-A output to function as a portable power bank for other devices.
- **LCD Display:** Precise LCD screen displays the remaining battery power percentage, preventing unexpected power loss.
- **Durable Construction:** Made from aviation-grade aluminum alloy with professional thermal design for heat dissipation and IP67 waterproof rating.

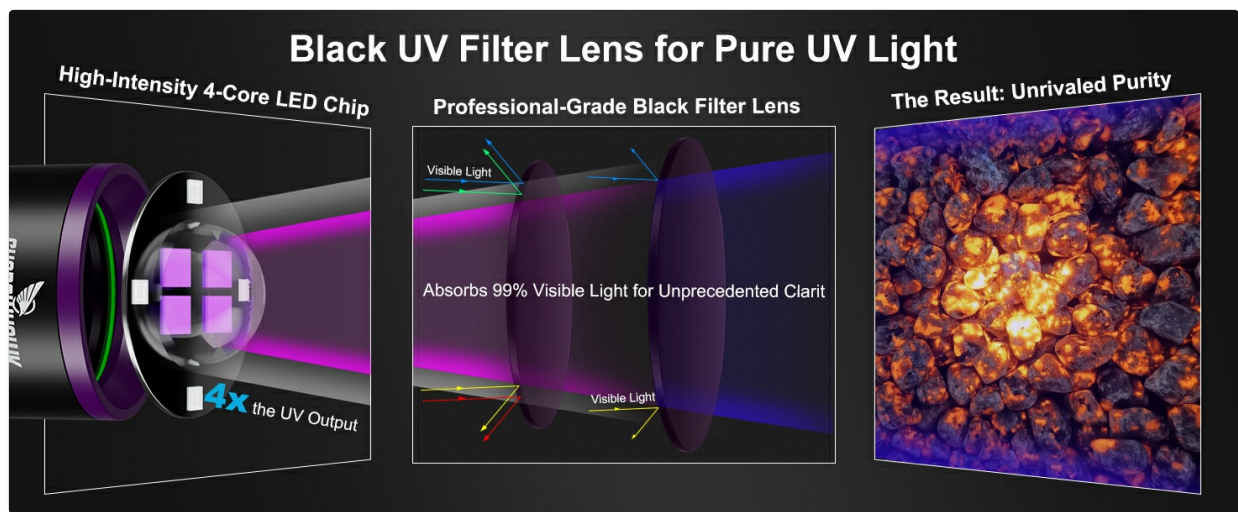


Figure 2: Internal components illustrating the 4-core 365nm LED chip and the multi-layer black UV filter lens designed for pure UV light output.

SETUP

Battery Installation

1. Unscrew the tail cap of the flashlight.
2. Insert the provided 6000mAh rechargeable battery with the positive (+) end facing towards the flashlight head.
3. Alternatively, if using AAA batteries, insert three AAA alkaline batteries into the provided AAA battery holder, then insert the holder into the flashlight with the positive (+) end facing the flashlight head.
4. Screw the tail cap back on securely.

Initial Charging

Before first use, it is recommended to fully charge the rechargeable battery.

1. Locate the USB-C charging port on the side of the flashlight, usually protected by a rubber cover.
2. Open the rubber cover and connect the provided USB-C charging cable to the port.
3. Connect the other end of the USB-C cable to a compatible USB power source (e.g., wall adapter, power bank, laptop).
4. The LCD display will show the charging progress. A full charge typically takes approximately 2 hours.
5. Once fully charged, disconnect the cable and close the rubber cover to protect the port from dust and moisture.



Figure 3: The flashlight's USB-C input for charging and USB-A output for emergency power bank functionality, with the LCD display showing battery percentage.

OPERATION

Turning On/Off

- Press the power button once to turn the flashlight ON.
- Press and hold the power button for approximately 2 seconds to turn the flashlight OFF.

Mode Selection

The Shadowhawk S1979 UV Flashlight operates in a single high-power UV mode for consistent performance.

LCD Display

The integrated LCD display shows the current battery percentage. This allows you to monitor battery life and recharge as needed, preventing unexpected shutdowns.



Figure 4: The flashlight's LCD display indicating the remaining battery percentage, providing clear power status.

APPLICATIONS AND USAGE

The Shadowhawk S1979 UV Flashlight is suitable for a wide range of applications:

- **Pet Urine Detection:** Easily spot dried pet urine stains on carpets, rugs, and furniture that are invisible to the naked eye.
- **Resin Curing:** Accelerate the curing process of UV-sensitive resins for crafts, jewelry making, and repairs.
- **Rock and Mineral Hunting:** Discover fluorescent rocks and minerals that glow under UV light, making them easier to find in dark environments.
- **Scorpion Detection:** Scorpions fluoresce brightly under 365nm UV light, allowing for safe detection from a distance in outdoor settings.
- **Currency and Document Authentication:** Verify the authenticity of banknotes, passports, and other official documents by revealing hidden security features.
- **Hotel Room Inspection:** Inspect hotel rooms for cleanliness, hidden stains, or bed bugs.
- **A/C Leak Detection:** Identify leaks in air conditioning systems when used with UV-sensitive dyes.
- **Uranium Glass Detection:** Locate and identify uranium glass, which glows green under UV light.

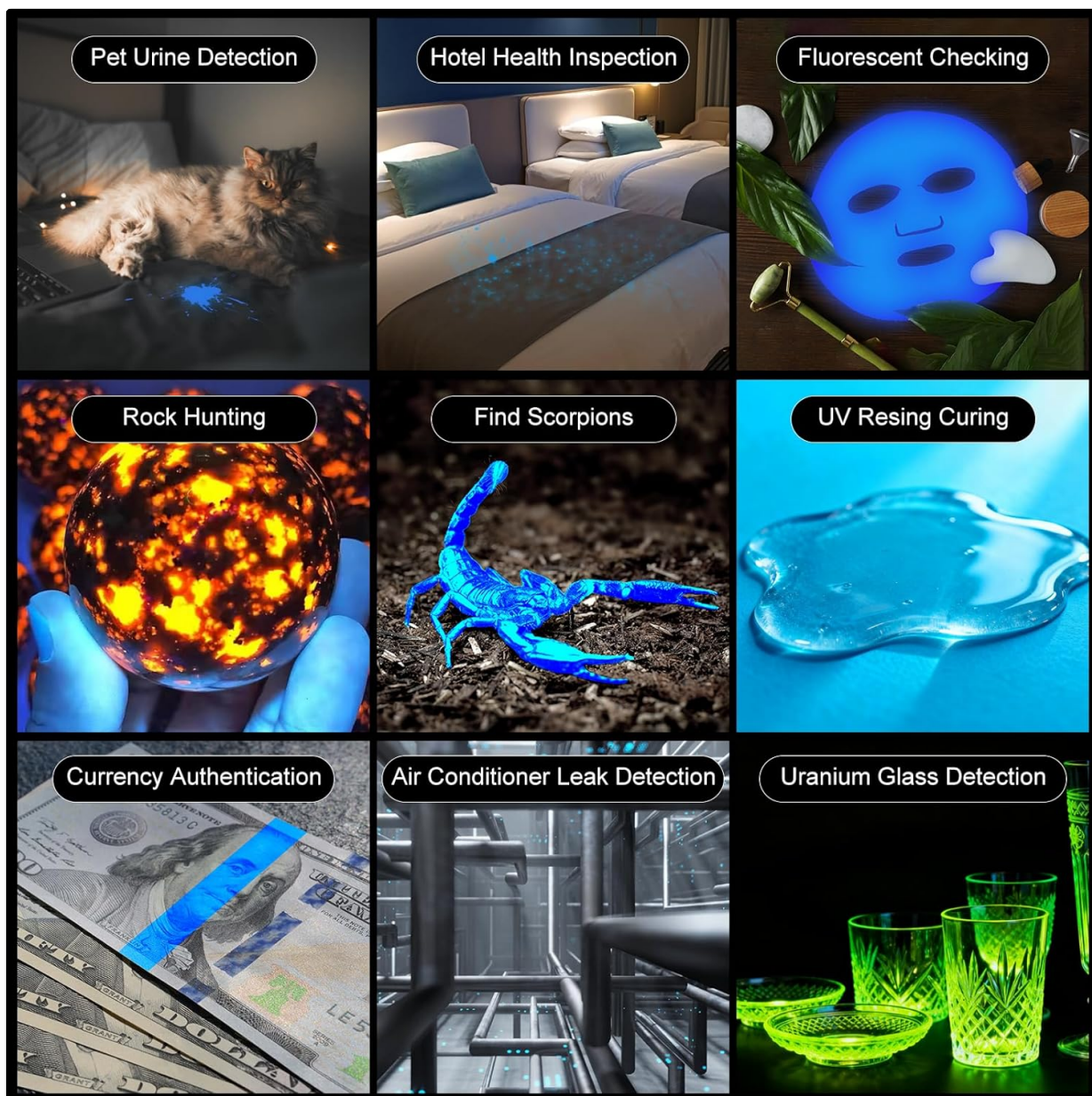


Figure 5: Examples of the flashlight's diverse applications, from detecting pet stains to identifying scorpions and authenticating currency.

Your browser does not support the video tag.

Video 1: An overview demonstrating the Shadowhawk S1979 365nm UV Flashlight's features and various practical uses.

MAINTENANCE

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Lens Care:** Gently clean the filter lens with a soft, lint-free cloth. Avoid touching the lens directly with fingers to prevent smudges.
- **Battery Storage:** If storing the flashlight for an extended period, remove the rechargeable battery and store it in a cool, dry place. Recharge the battery every 3-6 months to maintain its lifespan.
- **Water Resistance:** The flashlight is IP67 waterproof, meaning it can withstand immersion in water up to 1 meter for 30 minutes. Ensure all caps and covers are securely closed before exposure to water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Flashlight does not turn on.	Low or depleted battery. Battery inserted incorrectly. Loose connections.	Charge the rechargeable battery or replace AAA batteries. Ensure battery is inserted with correct polarity (+/-). Tighten the tail cap and flashlight head.
Weak UV light output.	Low battery charge. Dirty lens.	Recharge the battery. Clean the filter lens with a soft cloth.
LCD display not working.	Battery is completely depleted. Internal malfunction.	Charge the battery. If still not working, contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	S1979
Light Source Type	UV LED (4-core 365nm)
Light Source Wattage	30 Watts
Special Feature	Rechargeable, Multi-layer filter lens, LCD Display
Power Source	Battery Powered (6000mAh Lithium Ion or 3x AAA Alkaline)
Battery Cell Composition	Lithium Ion, AAA Alkaline
Material	Aluminum
Color	Black
Water Resistance Level	IP67 Waterproof
Product Dimensions	2"D x 1.3"W x 6.5"H
Item Weight	0.52 Kilograms (1.14 pounds)

SAFETY INFORMATION






- **UV Radiation:** Avoid direct eye exposure to UV light. Prolonged exposure can be harmful. Always wear appropriate protective eyewear when operating the UV flashlight.
- **Skin Contact:** Avoid prolonged skin contact with UV light.
- **Heat:** The flashlight head may become hot during extended use. Handle with care.
- **Children:** Keep out of reach of children. This is not a toy.
- **Battery Safety:** Use only recommended batteries. Do not mix old and new batteries or different types of batteries. Do not attempt to open or modify the battery.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided in your product

packaging or visit the official Shadowhawk website. Please retain your proof of purchase for warranty claims.

Related Documents - S1979

	<p>SHADOWHAWK S9322 LED Flashlight User Manual</p> <p>Comprehensive user manual for the SHADOWHAWK S9322 LED flashlight, detailing specifications, operation, charging, battery installation, and safety precautions. Available in multiple languages.</p>
	<p>Shadowhawk S1476 LED Tactical Flashlight User Manual</p> <p>Comprehensive guide for the Shadowhawk S1476 LED Tactical Flashlight, detailing its features, specifications, operation, and maintenance. Includes information on its durable military-grade aluminum construction, XHP70.2 LED, multiple lighting modes, USB charging and output capabilities, and battery management.</p>
	<p>SHADOWHAWK S1912 LED Flashlight User Manual</p> <p>Comprehensive user manual for the SHADOWHAWK S1912 LED flashlight, detailing features, operation, battery installation, and specifications. Includes information on dual-switch control, LCD display, focus adjustment, and side light modes.</p>
	<p>Shadowhawk S1476 LED Flashlight User Manual - Operation and Specifications</p> <p>Comprehensive user manual for the Shadowhawk S1476 LED flashlight, detailing its features, modes, specifications, battery installation, charging, and care instructions. Includes troubleshooting and support contact.</p>
	<p>Shadowhawk Flashlight User Manual and Specifications</p> <p>Comprehensive user manual for the Shadowhawk flashlight, covering power and mode functions, battery charging, installation, and technical specifications. Includes multilingual sections.</p>