

[Manuals.plus](#) /

› [NIGHTFOX](#) /

› Nightfox Swift Head Mounted Night Vision Binoculars User Manual

NIGHTFOX Nightfox-Swift

Nightfox Swift Digital Night Vision Goggles User Manual

Model: Nightfox Swift (Nightfox-Swift)

Brand: NIGHTFOX

INTRODUCTION

The Nightfox Swift is a compact and versatile head-mounted digital night vision binocular designed for hands-free operation in low-light and complete darkness conditions. Featuring 1x magnification and a wide 40-degree field of view, it is ideal for observing immediate surroundings during security operations, tactical exercises, camping, and hiking. The device also includes a 2x digital zoom for extended observation capabilities.

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Nightfox Swift night vision goggles to ensure optimal performance and longevity.

WHAT'S IN THE BOX

Upon opening your Nightfox Swift package, please verify that all the following components are present:

- Nightfox Swift Digital Night Vision Binoculars
- Head Strap (pre-attached or included separately)
- USB Charging Cable
- Carry Case
- User Manual (this document)



Image: All components of the Nightfox Swift package, including the goggles, head strap, USB charging cable, and protective carry case.

SETUP

1. Charging the Device

The Nightfox Swift features an integrated 3000mAh Lithium Polymer battery. Before first use, or if the battery is low, fully charge the device.

1. Locate the USB charging port on the device.
2. Connect the provided USB charging cable to the device and to a standard USB power source (e.g., wall adapter, computer USB port, or power bank).
3. The charging indicator light will show the charging status. Allow approximately 3 hours for a full charge, which provides over 3 hours of constant use.



Image: The Nightfox Swift connected to a power bank via its USB charging cable, demonstrating easy charging at home or on the move.

2. Attaching the Head Strap

For hands-free operation, attach the included head strap to the Nightfox Swift goggles.

1. Ensure the head strap is correctly oriented with the padded section facing inwards.
2. Securely attach the goggle unit to the mounting point on the head strap.
3. Adjust the straps for a comfortable and secure fit on your head.



Image: The Nightfox Swift goggles with the head mount attached, ready for hands-free use.

3. Optional: Helmet Mounting

The Nightfox Swift can be mounted to a tactical helmet using a "Nightfox Click" Dovetail adaptor (sold separately).

1. Acquire a compatible "Nightfox Click" Dovetail adaptor.
2. Attach the adaptor to your helmet's dovetail mount.
3. Securely connect the Nightfox Swift goggles to the adaptor.



CONNECT TO YOUR DOVETAIL HELMET MOUNT

WITH A **NIGHTFOX CLICK ADAPTER***

*not included

Image: The Nightfox Swift goggles mounted on a tactical helmet, demonstrating compatibility with dovetail helmet mounts (adaptor sold separately).

OPERATING INSTRUCTIONS

1. Powering On/Off

Press and hold the power button (usually located on the top or side of the unit) for a few seconds to turn the device on or off.

2. Adjusting Infrared (IR) Illumination

The Nightfox Swift uses infrared illumination to enhance visibility in low light or complete darkness. Use the dedicated IR buttons to cycle through different IR levels or turn it off. Higher IR levels provide brighter images but consume more battery.



OWN THE NIGHT

SEE IN **PITCH BLACK** DARKNESS

Image: The Nightfox Swift in use, demonstrating its ability to provide clear vision in pitch black conditions using infrared illumination.

3. Understanding Field of View and Magnification

The Nightfox Swift features a 1x optical magnification and a wide 40-degree field of view, allowing for excellent situational awareness of your immediate surroundings. It also includes a 2x digital zoom for closer inspection of distant objects.



WIDE 40° VIEWING ANGLE
TO SEE YOUR **IMMEDIATE SURROUNDINGS**

Image: A representation of the Nightfox Swift's wide 40-degree viewing angle, allowing users to see a broad area of their immediate surroundings.



Image: A visual comparison highlighting the Nightfox Swift's significantly wider 40-degree field of view compared to a typical 10-degree competitor, enhancing situational awareness.

4. Ease of Use

The Nightfox Swift is designed with an intuitive interface, featuring just five main operation buttons for straightforward control, even when wearing gloves.



Image: A user in camouflage demonstrating the ease of operating the Nightfox Swift, even while wearing gloves, thanks to its intuitive button layout.

MAINTENANCE

Proper maintenance will extend the life and performance of your Nightfox Swift goggles.

- **Cleaning the Lenses:** Use a soft, lint-free cloth specifically designed for optics. Gently wipe the lenses to remove dust or smudges. Avoid using abrasive materials or harsh chemicals.

- **Cleaning the Body:** Wipe the exterior of the device with a damp cloth. Do not submerge the device in water.
- **Storage:** When not in use, store the Nightfox Swift in its protective carry case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** For long-term storage, ensure the battery is charged to approximately 50%. Recharge every few months to prevent deep discharge.

TROUBLESHOOTING

If you encounter issues with your Nightfox Swift, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device does not power on.	Low or depleted battery.	Charge the device fully using the provided USB cable.
Poor image quality / Dark image.	Insufficient IR illumination; dirty lens; too far from subject.	Increase IR level; clean the objective lens; move closer to the subject if possible.
Screen is blank or flickering.	Battery issue; internal malfunction.	Ensure battery is charged. If problem persists, contact customer support.
Buttons are unresponsive.	Temporary software glitch.	Try restarting the device. If unresponsive, allow battery to drain completely and then recharge.

SPECIFICATIONS

Feature	Detail
Brand	NIGHTFOX
Model Name	Nightfox Swift
Item Model Number	Nightfox-Swift
Color	Black
Style	Swift
Magnification (Optical)	1x
Magnification (Digital)	Up to 2x
Objective Lens Diameter	500 Millimeters
Field Of View	40 degrees (0.7 Radians)
Night Vision Capability	Yes (Infrared)
Material	Polymer Plastics or Aluminum
Item Weight	340 Grams (12 ounces)
Product Dimensions	6.69 x 5.51 x 2.76 inches
Battery Type	1 Lithium Polymer (included)
Battery Life	Over 3 hours of constant use

Feature	Detail
Compatible Devices	Tactical Helmet (with optional adapter)
Mounting Type	Dovetail Mount (with optional adapter)

WARRANTY AND SUPPORT

NIGHTFOX is committed to providing high-quality products and excellent customer service. If you require assistance with your Nightfox Swift, have questions, or need to report an issue, please contact the Nightfox customer support team.

- **Customer Support:** For direct assistance, please refer to the contact information provided on the official Nightfox website or the product packaging.
- **User Manual (PDF):** A downloadable PDF version of the user manual is available for your convenience:[Download PDF Manual](#)
- **Feedback:** Nightfox welcomes your suggestions for future product improvements.