Sky Viper V2450FPV

Sky Viper V2450FPV Drone FPV VR Headset User Manual

INTRODUCTION

Welcome to the user manual for your Sky Viper V2450FPV Drone FPV VR Headset. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your VR headset to ensure a safe and enjoyable experience. Please read this manual thoroughly before using the product.

WHAT'S IN THE BOX

Carefully unpack all components and ensure the following items are present:

- Sky Viper V2450FPV VR Headset
- Adjustable Headstrap

SETUP

Follow these steps to prepare your Sky Viper V2450FPV VR Headset for use:

1. **Attach the Headstrap:** If not already attached, connect the adjustable headstrap to the designated slots on the VR headset. Ensure it is securely fastened.

2. **Adjust the Headstrap:** Place the headset on your head and adjust the straps for a comfortable and secure fit. The headset should sit snugly without causing discomfort.

3. **Insert Smartphone (if applicable):** Open the front compartment of the VR headset. Carefully insert your smartphone, ensuring it is centered and securely held by the internal clips or tray. The phone's screen should face the lenses.

Figure 1: Front view of the Sky Viper V2450FPV VR Headset. This image shows the sleek, black exterior of the headset with the 'Sky Viper' logo prominently displayed on the front, indicating its brand identity.

OPERATING INSTRUCTIONS

Once the headset is set up, follow these steps to begin your FPV experience:

1. **Power On Drone and Controller:** Ensure your Sky Viper drone and its remote controller are powered on and properly paired according to their respective manuals.

2. **Launch FPV App:** On your smartphone, launch the Sky Viper FPV application.

3. **Connect to Drone Wi-Fi:** Follow the app's instructions to connect your smartphone to the drone's Wi-Fi network.

4. **Start FPV Feed:** Once connected, the app should display the drone's live camera feed. Select the VR/FPV mode within the app, which will split the screen into two images for stereoscopic viewing.

5. **Wear the Headset:** Carefully place the VR headset over your eyes. Adjust the headstrap and the headset's position until the image is clear and comfortable to view.

6. **Begin Flight:** With the FPV view active, you can now operate your drone using the remote controller while experiencing a first-person view of the flight.

Figure 2: Rear view of the Sky Viper V2450FPV VR Headset. This image highlights the adjustable headstrap system and the ergonomic design of the headset's rear, which ensures a secure and comfortable fit during use.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your VR headset:

- **Cleaning Lenses:** Use a soft, dry microfiber cloth specifically designed for optical lenses to gently clean the headset lenses. Avoid abrasive materials or chemical cleaners.
- **Cleaning Exterior:** Wipe the exterior of the headset with a slightly damp, soft cloth. Do not use excessive moisture or harsh cleaning agents.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case to prevent dust and scratches.
- **Avoid Impact:** Protect the headset from drops or impacts, which can damage internal components or the lenses.

TROUBLESHOOTING

If you encounter issues with your Sky Viper V2450FPV VR Headset, refer to the following table for common

problems and solutions:

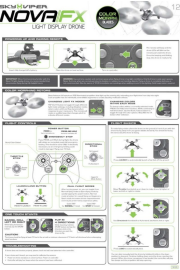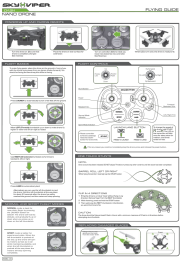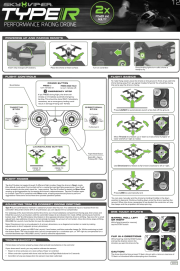| Problem	Possible Cause	Solution
Blurred or distorted image	Lenses are dirty; Headset not properly adjusted; Smartphone not centered.	Clean lenses with a microfiber cloth; Adjust headstrap and headset position; Re-center smartphone in the compartment.
No FPV feed displayed	Smartphone not connected to drone Wi-Fi; FPV app not running or in VR mode; Drone not powered on.	Ensure smartphone is connected to drone's Wi-Fi; Launch FPV app and select VR mode; Verify drone is powered on and paired.
Headset is uncomfortable	Headstrap too tight or loose; Improper positioning on head.	Adjust the headstrap for a snug but comfortable fit; Reposition the headset on your head.

SPECIFICATIONS

- **Model:** V2450FPV
- **Manufacturer:** Sky Viper
- **Included Components:** Headstrap
- **ASIN:** B0F7FVS1ZK
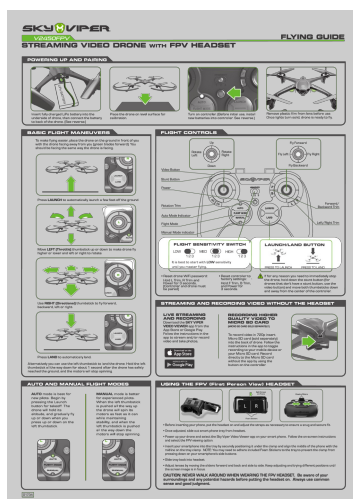- **Date First Available:** May 3, 2025

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your Sky Viper drone or visit the official Sky Viper website. Keep your purchase receipt as proof of purchase for any warranty claims.

Related Documents

[Sky Viper HD Streaming Drone Model 01601 FCC Certification Test Report](#)
This document is a certification test report for the Sky Viper HD Streaming Drone (Model 01601), detailing its compliance with FCC 47 CFR Part 15 Subpart C regulations. It includes test results for bandwidth, output power, spectral density, emissions, and antenna application, performed by EMTEK (SHENZHEN) CO., LTD. for Skyrocket Toys LLC.

[Sky Viper Nova FX Light Display Drone User Manual and Guide](#)

Comprehensive user manual for the Sky Viper Nova FX Light Display Drone, covering setup, flight controls, color morphing rotors, stunts, troubleshooting, and safety precautions.

[Sky Viper Dash Nano Drone: Setup, Flight, and Safety Guide](#)

Comprehensive guide to setting up, flying, and maintaining your Sky Viper Dash Nano Drone. Learn about flight modes, controls, stunts, battery care, and safety precautions.

[Sky Viper Type R Performance Racing Drone User Manual](#)

Comprehensive guide to operating the Sky Viper Type R Performance Racing Drone, including setup, flight controls, flight modes, troubleshooting, and safety precautions.

Documents - Sky Viper – V2450FPV

[pdf] User Manual Instructions Datasheet

01734 StreamingFPV 042617 IM OUTLN G3 R1 SkyViper V2450FPV user manual Electronics Datasheets Power up your drone and select the Sky Viper Video Viewer app on smart phone Follow screen instructions FPV viewing option Insert electronicsdatasheets datasheet

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