Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Sky Viper 18382

Sky Viper Journey GPS Drone User Manual

Model: 18382 | Brand: Sky Viper

Introduction

The Sky Viper Journey GPS Drone is designed to provide a stable and enjoyable flight experience for pilots of all skill levels. Equipped with professional-grade ArduPilot firmware and built-in GPS, it offers advanced features such as autonomous flight, precise position holding, and an automatic return-to-home function. This manual provides essential information for setting up, operating, and maintaining your drone to ensure safe and optimal performance.

Package Contents

- Sky Viper Journey GPS Drone
- 3.7V 1200mAh Lithium Polymer Battery (for drone)
- Controller
- One Set Extra Blade Guards
- Charging Cable
- 4 Screws
- Screwdriver
- Phone Mount
- Instruction Manual (this document)

Key Features

- **Professional-Grade Firmware:** Provides simple and stable flight for beginners and hobbyists.
- **Position Hold:** Prevents gradual drifting during a hover, maintaining the drone's coordinates.
- **Return to Home:** Summons the drone back to its launch point with the push of a button.
- **Adjustable Wide-Angle Camera Lens:** For video streaming and capturing diverse perspectives.

- **Micro SD Card Slot:** Enables direct video recording (card sold separately).

Setup Guide

1. Battery Installation

Ensure both the drone battery and controller batteries are properly installed before use.

- **Drone Battery:** Insert the provided 3.7V 1200mAh lithium polymer battery into the drone's battery compartment. Connect the battery cable securely. The drone battery is rechargeable using the included charging cable.
- **Controller Batteries:** The controller requires 3 AAA batteries (not included). Open the battery compartment on the back of the controller and insert the batteries, observing polarity.



Image: The Sky Viper Journey GPS Drone with its controller, illustrating the main components.

2. Propeller and Blade Guard Installation

Attach the blade guards to the drone for added protection during flight, especially for beginners. Use the provided screws and screwdriver to secure them firmly.

SKY VIPER

01849

JOURNEY

FLYING GUIDE

GPS DRONE

GPS enabled flight is intended for **outdoor use only.** Attempting to fly indoors may result in erratic behavior.

POWERING UP AND PAIRING REMOTE



Insert fully charged LiPo battery.



Place the drone on level surface with a clear view of the sky.

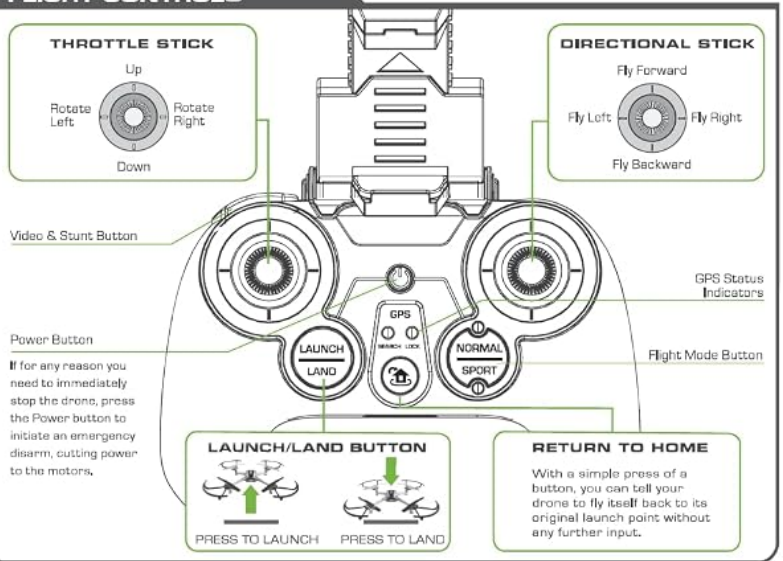


Turn on controller. Once paired with the drone, **RED SEARCH LED** will blink while acquiring GPS signal.



Once **GREEN LOCK LED** turns on solid, the drone is ready to fly.

FLIGHT CONTROLS



If for any reason you need to immediately stop the drone, press the Power button to initiate an emergency disarm, cutting power to the motors.

LAUNCH/LAND BUTTON

RETURN TO HOME

With a simple press of a button, you can tell your drone to fly itself back to its original launch point without any further input.

FLIGHT MODES

NORMAL mode is best for new pilots or those who want a casual flying experience. In **NORMAL** mode, the drone reacts smoothly to the pilot's input for easy control.



SPORT mode allows for experienced pilots to perform more aggressive maneuvers. The drone's response rate to pilot input is much higher for sharper turns and more speed.



- **MODES** can be customized in the **SKY VIPER VIDEO VIEWER 2.0** app
- **POSITION HOLD** is active in both NORMAL and SPORT modes. Simply let go of the control sticks and the GPS Auto-Pilot will keep the drone in a steady hover and will not drift away.

RETURN TO HOME

- Once the drone has **GPS LOCK**, its **HOME** is set to its current location when you launch.
- With a simple press of a button, you can tell your drone to fly itself back to its original launch point without any further input.
- During this return flight, you will still have altitude and direction control to avoid obstacles.
- Pressing the Home button during this return flight will cancel it and put the drone in its previous flight mode.
- When using the **Sky Viper Video Viewer 2.0** app, you can return to your device's GPS location instead.

CAUTION :

LiPo batteries have a severe risk of fire and injury if they are improperly handled or misused. They may explode, overheat or ignite. Read all following precautions and instructions regarding the care and use of LiPo batteries.
The LiPo battery is only to be used with the drone and charger included with this product.

CAUTION :

Return to Home and **Follow Me modes** do not have object avoidance detection. Use safety precautions when flying near trees, buildings, people or animals. Do not use while in a vehicle, on a skateboard/scooter/hoverboard or riding a bicycleRead all enclosed information before operating.

STREAMING AND RECORDING VIDEO

DOWNLOAD THE SKY VIPER VIDEO VIEWER 2.0 APP FROM THE APP STORE OR GOOGLE PLAY.

Download on the App Store | ANDROID APP ON Google Play

- Open your device's WiFi setting and select the network starting with SKYVIPER_
- Default WiFi password : skyviper
- Open the SkyViper Video View 2.0 app.
- To reset drone WiFi password to the default, plug battery into drone and place upside-down on a flat surface, turn on controller and wait for them to pair, hold both video & stunt buttons for 5 seconds until you hear a beep from the controller and the drone's LEDs flash.

RECORDING HIGHER QUALITY VIDEO TO MICRO SD CARD

(MICRO SD CARD NOT INCLUDED)

Inserting a microSD card into the drone allows you to record and playback video at a much higher frame rate and viewing quality, also eliminating loss of video quality when flying at longer ranges. Supports microSD cards up to 32GB and recommend Class 6 or higher for best quality.



FLIGHT BASICS

To make flying easier, place the drone on the ground in front of you with the drone facing away from you (green blades forward). You should be facing the same way the drone is facing.



Press **LAUNCH** to automatically launch a few feet off the ground.



Move **Throttle** thumbstick up or down to make drone fly higher or lower and left or right to rotate.



Use **Directional** thumbstick to fly forward, backward, left or right.



Press **LAND** to automatically land.

You can also manually land the drone by holding throttle in the down position to descend. Continue holding down once the drone reaches the ground. When the drone recognizes it has landed, the controller will play two beeps and the propellers will stop spinning.

ONE TOUCH STUNTS

BARREL ROLL LEFT OR RIGHT

While flying forward (or reverse), tap the STUNT button.

FLIP IN 4 DIRECTIONS

While hovering, hold the STUNT button and tap the direction stick in the direction you want the drone to flip.

CAUTION!

The drone should be flying at least 10 feet in the air with a minimum clearance of 10 feet in all directions before attempting stunt functions.

ADJUSTABLE CAMERA ANGLE

The drone camera angle is adjustable to suit your preference. Point forward for recording flying action, straight down for aerial photos.

(Remove protective film from lens before use.)



Image: The Sky Viper Journey GPS Drone with its protective blade guards attached.

3. App Download and Connection

For live video streaming and advanced features, download the free Sky Viper Video Viewer app from your smartphone's app store. Mount your smartphone onto the controller using the phone mount.



Image: The drone controller with a smartphone securely mounted, ready for app integration.

▶ **Watch video online**
Sky Viper GPS Drone

Video: An overview of the Sky Viper GPS Drone, demonstrating its features and flight capabilities.

▶ **Watch video online**
Sky Viper JOURNEY GPS Drone

Video: A promotional video for the Sky Viper JOURNEY GPS Drone, highlighting its key functionalities.

Operating Instructions

1. Basic Flight Controls

Familiarize yourself with the controller layout and functions:

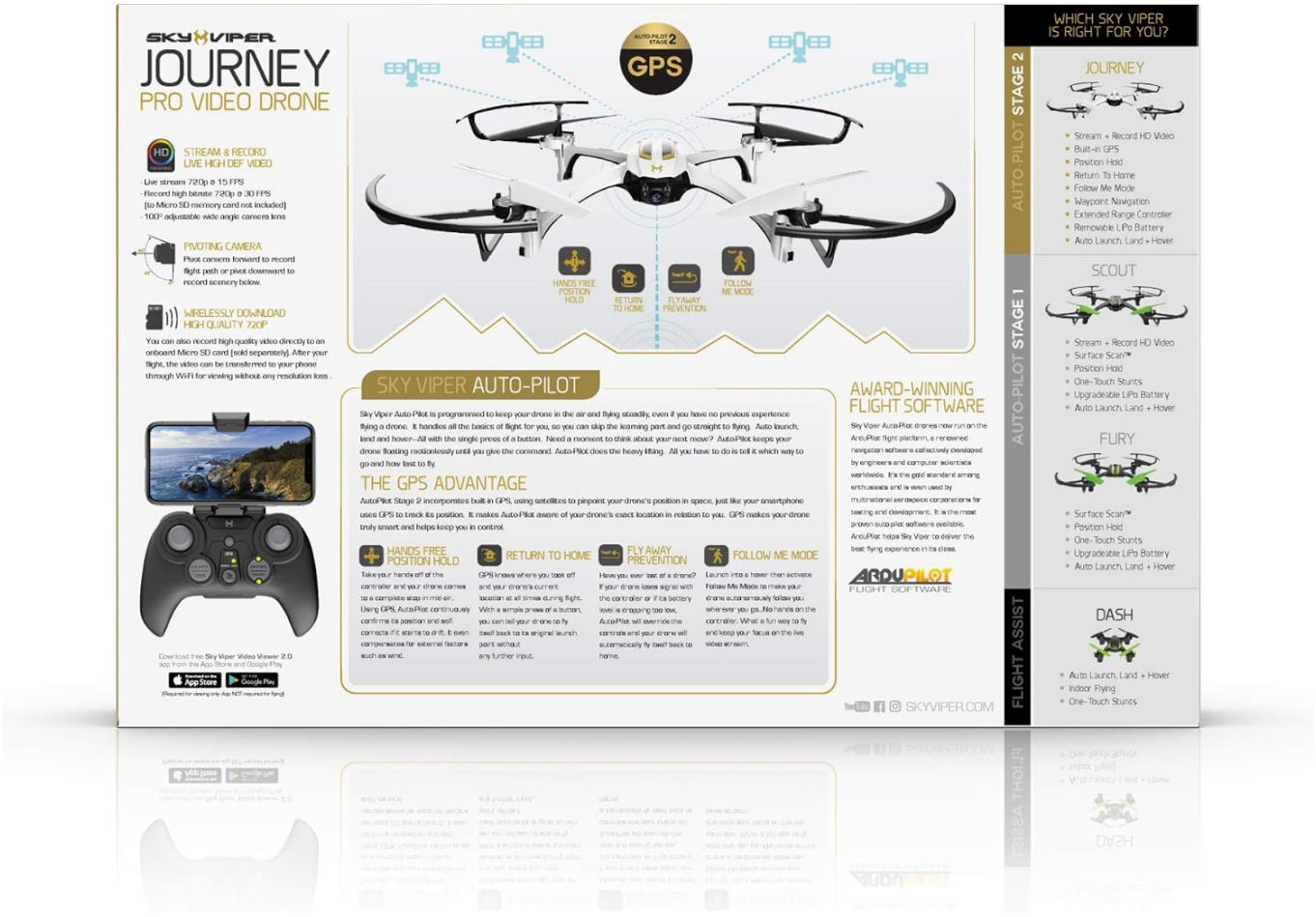


Image: Detailed view of the Sky Viper Journey GPS Drone controller, showing button functions.

- **Left Stick (Throttle):** Controls altitude (up/down) and yaw (rotation left/right).
- **Right Stick (Directional):** Controls forward/backward movement (pitch) and left/right movement (roll).

2. Launch and Land

Press the **Launch/Land** button on the controller to initiate an automatic takeoff or landing sequence. The drone will ascend to a safe height or descend gently to the ground.

3. GPS Features: Position Hold & Return to Home

The built-in GPS system enhances flight stability and safety:



Image: The Sky Viper Journey GPS Drone highlighting its GPS capabilities with satellite icons.

- **Position Hold:** Once GPS is locked, the drone will automatically maintain its current position and altitude, even if you release the control sticks. This minimizes drifting and allows for stable hovering.
- **Return to Home (RTH):** With GPS enabled, pressing the **Return to Home** button will command the drone to fly back to its original takeoff point and land automatically.

4. Flight Modes

- **Normal Mode:** Ideal for beginners, offering stable and responsive controls.
- **Sport Mode:** Provides more agile and aggressive flight characteristics for experienced pilots.

5. Camera Operation

The drone features an adjustable wide-angle camera for capturing aerial footage.

- **Live Streaming:** Connect to the Sky Viper Video Viewer app to view live video feed from the drone on your smartphone.
- **Recording:** Insert a Micro SD card (sold separately) into the drone's slot to record high-definition video directly.
- **Adjustable Lens:** The camera lens can be adjusted to achieve desired viewing angles.

Maintenance

- **Cleaning:** Regularly wipe down the drone with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals.

- **Propeller Inspection:** Before each flight, check propellers for any damage (cracks, bends). Replace damaged propellers immediately using the spare parts provided or purchased separately.
- **Battery Care:** Store the drone battery in a cool, dry place. Do not overcharge or completely drain the battery.
- **Storage:** When not in use, store the drone and controller in a safe place to prevent damage.

Troubleshooting

Problem	Possible Cause	Solution
Drone does not power on.	Battery not charged or connected; Controller batteries low/dead.	Ensure drone battery is fully charged and connected. Replace controller batteries.
App not connecting to drone.	Wi-Fi not connected; App not updated.	Ensure your smartphone is connected to the drone's Wi-Fi network. Update the app to the latest version.
Drone drifts during hover.	GPS signal weak or not acquired.	Ensure you are flying in an open outdoor area with clear sky for optimal GPS signal. Allow time for GPS lock.
Poor video quality or no recording.	Micro SD card issues; Camera lens dirty.	Ensure Micro SD card is inserted correctly and formatted. Clean camera lens gently.

Specifications

Attribute	Detail
Brand	Sky Viper
Model Name	Sky Viper JOURNEY GPS Streaming Video Drone
Model Number	18382
Color	White/Black
Video Capture Resolution	1080p
Connectivity Technology	Wi-Fi
Skill Level	Beginner
Item Weight	1.55 Pounds (approx. 0.7 kg)
Battery Capacity	3.15 Watt Hours (3.7V 1200mAh Lithium Polymer)
Maximum Range	1 Mile (approx. 1.6 km)
Product Dimensions	19.5"L x 3"W x 13"H (approx. 49.5cm x 7.6cm x 33cm)

Attribute	Detail
Recommended Age	12 years and up

Safety Guidelines

- Always operate the drone in open, clear areas, away from people, animals, buildings, and other obstacles.
- Maintain visual line of sight with the drone at all times.
- Do not fly in strong winds, rain, or other adverse weather conditions.
- Ensure all propellers are securely attached and undamaged before each flight.
- Keep fingers, hair, and loose clothing away from rotating propellers.
- Adhere to all local regulations and laws regarding drone operation.
- Never attempt to retrieve a drone from dangerous locations (e.g., power lines, tall trees, water bodies).

Warranty and Support

For warranty information, technical support, or replacement parts, please refer to the contact details provided on the product packaging or visit the official Sky Viper website. Keep your proof of purchase for warranty claims.

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

Open the live page

https://manuals.plus/asin/B07G1RJNN9

More documents and user manuals: **https://manuals.plus/**