

## Sky Viper 18380

# Sky Viper Dash Nano Drone User Manual

Brand: Sky Viper | Model: 18380

## INTRODUCTION

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The Sky Viper Dash Nano drone is engineered for simplified flying and superior performance within its class. Designed for both casual flyers and beginners, it incorporates flight technology typically found in racing drones, allowing it to reach speeds up to 25 mph. Its flight assist features make controlling the drone effortless, enabling single-stick directional flight and easy hover maintenance. This drone is perfectly suited and safe for fast indoor flying.



Image: The Sky Viper Dash Nano Drone shown with its compact remote controller.

## WHAT'S INCLUDED

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Your Sky Viper Dash Nano Drone package includes the following items:

- Sky Viper Dash Nano Drone
- 3.7V 100mAh Lithium Polymer Battery (pre-installed)
- Remote Controller

- One (1) Set of Extra Blade Guards
- USB Charging Cable
- Instruction Manual (this document)



Image: All components included in the Sky Viper Dash Nano Drone package, including the drone, extra propellers, and USB charging cable.

## SETUP

### 1. Controller Battery Installation

The remote controller requires 3 AAA batteries (not included). To install:

1. Locate the battery compartment on the back of the controller.
2. Unscrew the battery compartment cover and remove it.
3. Insert 3 AAA batteries, ensuring correct polarity (+/-).
4. Replace the cover and secure it with the screw.

## 2. Drone Charging

The drone comes with a built-in 3.7V 100mAh lithium polymer battery. Charge the drone before first use.

1. Connect the small end of the USB charging cable to the charging port on the drone (usually located on the underside).
2. Connect the larger USB end of the cable to a powered USB port (e.g., computer, USB wall adapter).
3. The indicator light on the USB cable will show charging status (refer to specific light behavior in the original manual if available, typically red for charging, off/green for full).
4. Charging typically takes approximately 30-45 minutes for a full charge.

## OPERATING INSTRUCTIONS

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### 1. Power On and Pairing

1. Ensure the drone is fully charged.
2. Turn on the drone by sliding the power switch (located on the underside of the drone). The drone's lights will begin to flash.
3. Turn on the remote controller by pressing the power button. The controller's indicator light will flash.
4. To pair, push the left joystick (throttle) all the way up, then all the way down. The drone and controller lights will become solid, indicating successful pairing.

### 2. Flight Modes

The Dash Nano Drone offers dual flight modes to suit different skill levels:

- **Normal Mode:** Ideal for beginners, offering stable and forgiving control.
- **Sport Mode:** For experienced pilots, providing increased responsiveness and agility for faster, more aggressive flying.

Switch between modes using the "Normal" and "Sport" buttons on the controller.

# CHOOSE YOUR FLIGHT STYLE

DASH has multiple flight mode. So whether you're new to flying or a seasoned pilot, there's a perfect setting for you. Start with the basics or amp up the aggression.



Image: The remote controller highlighting the "Normal" and "Sport" buttons for selecting flight modes.

## 3. Auto Launch & Auto Land

These features simplify takeoff and landing:

- **Auto Launch:** Press the "Launch" button on the controller to automatically take off and hover at a stable altitude.
- **Auto Land:** Press the "Land" button to initiate a gentle, controlled descent and landing.





## AUTO-LAUNCH & AUTO-LAND

Take off into a smooth hover with a single tap. Ready to land? Tap again for a gentle, controlled descent.

Image: The Sky Viper Dash Nano Drone performing an auto-launch, lifting off smoothly from a flat surface.

### 4. One-Touch Stunts

Perform impressive aerial maneuvers with ease:

- The drone is capable of performing 8 different one-touch stunts, including 360-degree flips.
- To activate a stunt, hold down the "Stunt" button (usually located on the top shoulder of the controller) and then tap the right joystick in the desired direction for the flip or roll.

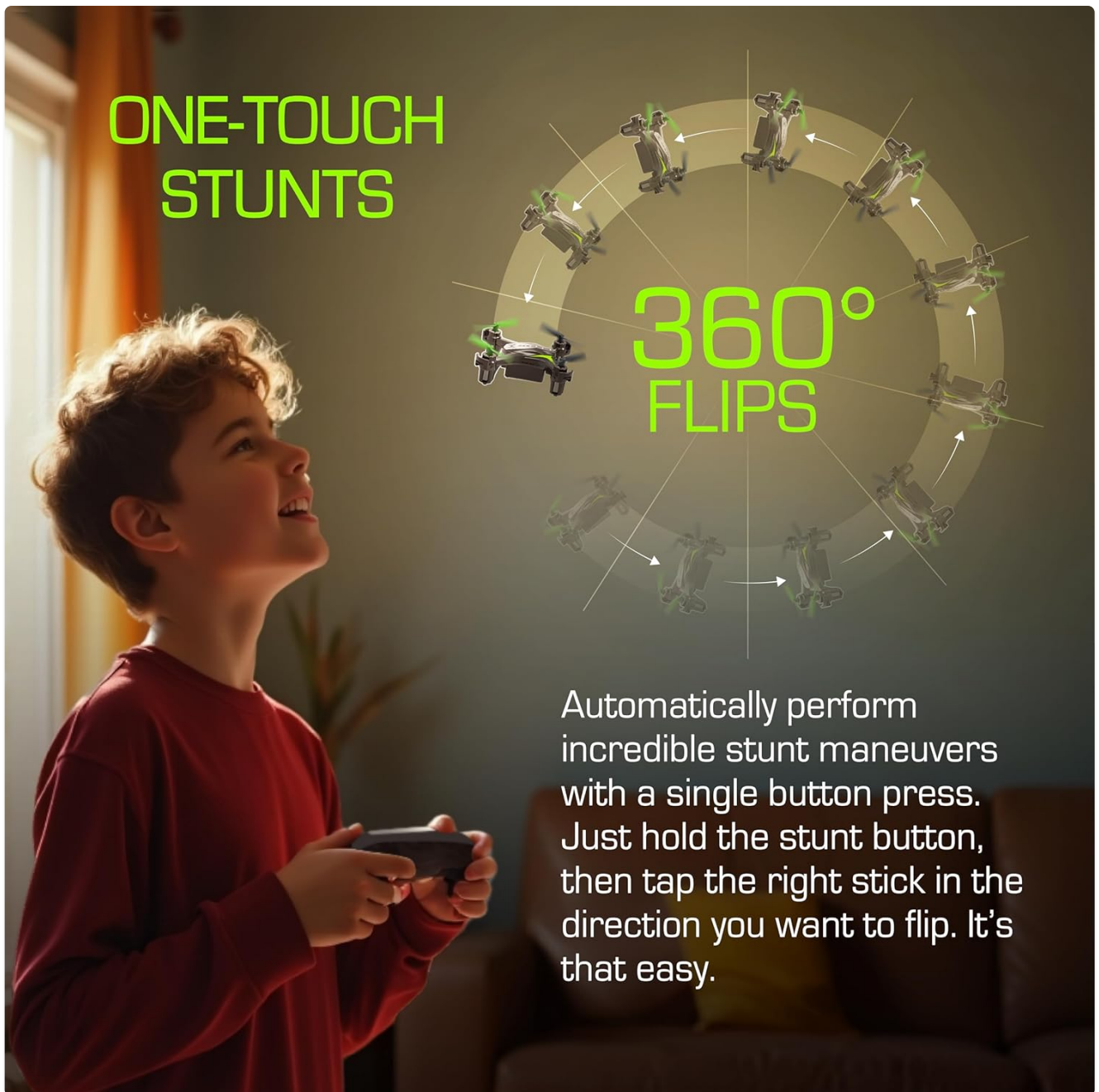


Image: A child observing the Sky Viper Dash Nano Drone as it executes a 360-degree flip indoors.

## MAINTENANCE

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### 1. Propeller Care

The drone's propellers are designed to be flexible and durable. However, in case of damage:

- Inspect propellers regularly for cracks or bends.
- If a propeller is damaged, carefully remove it and replace it with one of the included extra blades. Ensure the correct propeller (A or B) is placed on the corresponding motor.
- Keep propellers free from hair, dust, and debris to ensure optimal flight performance.

### 2. Battery Care

- Always use the provided USB charging cable.

- Do not overcharge the drone's battery. Disconnect once fully charged.
- Store the drone and controller in a cool, dry place when not in use.

## TROUBLESHOOTING

- **Drone not responding/pairing:** Ensure both drone and controller are fully charged. Turn both off, then on again, and re-attempt the pairing sequence (throttle up then down).
- **Unstable flight/driftng:** Perform a calibration. Refer to the original manual for specific calibration steps, which usually involve holding both joysticks in a specific position. Check for damaged propellers and replace if necessary.
- **Short flight time:** Ensure the battery is fully charged. Battery performance may decrease over time with repeated use.
- **Propellers not spinning:** Check for any obstructions (hair, debris) around the motors or propellers. Ensure the drone is powered on and paired correctly.

## SPECIFICATIONS

Feature	Detail
Brand	Sky Viper
Model Name	Sky Viper DASH Nano Drone
Item Model Number	18380
Dimensions (L x W x H)	5.04" x 2.52" x 5.98"
Item Weight	8 ounces
Color	Black/Green
Drone Battery	3.7V 100mAh Lithium Polymer (included)
Controller Batteries	3 AAA (not included)
Connectivity Technology	USB (for charging), Infrared (for remote control)
Recommended Age	12 years and up
Special Features	Lightweight design, racing class flight technology, Auto Hover, One-Touch Stunts, Auto Launch and Land, Dual Flight Mode

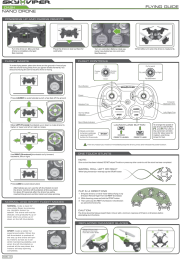

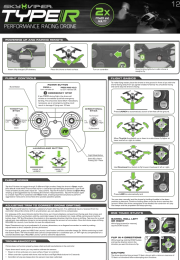


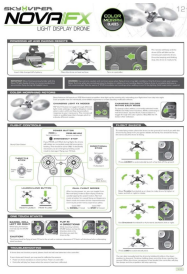
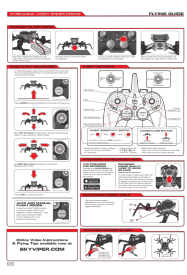
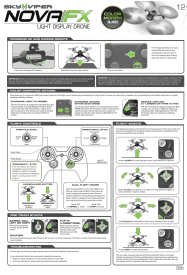
SUPPORT

For further assistance or detailed instructions, please refer to the official user guide:

Download Official User Guide (PDF)

Related Documents - 18380

	<p><a href="#">Sky Viper Dash Nano Drone: Setup, Flight, and Safety Guide</a></p> <p>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.</p>
	<p><a href="#">Sky Viper M200 Nano Drone Instruction Guide</a></p> <p>This instruction guide provides detailed information on operating the Sky Viper M200 Nano Drone, including setup, charging, flight controls, safety precautions, stunts, maintenance, and troubleshooting. Learn how to fly your drone safely and effectively.</p>
	<p><a href="#">Sky Viper Type R Performance Racing Drone User Manual</a></p> <p>Comprehensive guide to operating the Sky Viper Type R Performance Racing Drone, including setup, flight controls, flight modes, troubleshooting, and safety precautions.</p>

	<p><a href="#">Sky Viper Nova FX Light Display Drone User Manual and Guide</a></p> <p>Comprehensive user manual for the Sky Viper Nova FX Light Display Drone, covering setup, flight controls, color morphing rotors, stunts, troubleshooting, and safety precautions.</p>
	<p><a href="#">Sky Viper Streaming Video Spider-Drone Flying Guide</a></p> <p>Comprehensive flying guide for the Sky Viper Streaming Video Spider-Drone, covering setup, flight controls, maneuvers, recording, charging, and safety precautions. Learn how to operate your drone safely and effectively.</p>
	<p><a href="#">Sky Viper Nova FX Light Display Drone User Manual</a></p> <p>Comprehensive guide to operating the Sky Viper Nova FX Light Display Drone, including setup, flight controls, stunts, and troubleshooting.</p>