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Sky Viper 18725

Sky Viper Aura Touch Control Light Drone User Manual

Model: 18725

Introduction Safety Information What's in the Box Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

The Sky Viper Aura Touch Control Light Drone is a unique, remoteless mini-drone designed for intuitive flight and dazzling light displays. It features touch-controlled flight, super bright color-changing LEDs, and dual up and down LED surface projectors, illuminating your surroundings with kaleidoscopic patterns. This manual provides essential information for setting up, operating, and maintaining your Aura drone.



Image: The Sky Viper Aura Touch Control Light Drone, shown in its retail packaging, highlighting its LED light show capabilities and touch-control feature.

2. Safety Information

Please read and understand all safety warnings before operating the Sky Viper Aura drone. Failure to follow these instructions may result in injury or damage to the product.

- **Choking Hazard:** This product contains small parts and is not suitable for children under 3 years of age.
- **Indoor Use:** The Aura drone is designed for indoor use. Avoid flying outdoors, especially in windy conditions.
- **Hair Entanglement:** Keep hair, loose clothing, and other objects away from the spinning propellers to prevent entanglement and injury.
- **Eye Protection:** Do not look directly into the LED lights for extended periods.
- **Battery Safety:**
  - Use only the provided charging cable.
  - Do not overcharge the battery.
  - Do not expose the battery to extreme temperatures or direct sunlight.
  - Do not puncture or disassemble the battery.
- **Supervision:** Adult supervision is recommended, especially for younger users.
- **Clear Area:** Ensure a clear flying area, free from obstacles, people, and pets, to prevent collisions and damage.

3. What's in the Box

Verify that all components are present before proceeding with setup:

- Sky Viper Aura Touch Control Light Drone
- Built-in 3.7V 380mAh LiPo Battery (pre-installed)
- Charging Cable (USB)
- Product Manual (this document)



Image: The Sky Viper Aura drone alongside its USB charging cable, illustrating the main components included in the package.

4. Setup

4.1 Charging the Battery

The Sky Viper Aura drone comes with a built-in rechargeable 3.7V 380mAh LiPo battery. Before first use, fully charge the drone.

1. Locate the charging port on the drone.
2. Connect the provided USB charging cable to the drone's charging port.
3. Plug the other end of the USB charging cable into a compatible USB power source (e.g., computer USB port, USB wall adapter).

4. The drone's indicator light will show the charging status (refer to the drone's specific light indicators for full charge notification, typically the light turns off or changes color).
5. A full charge typically takes approximately 60 minutes.

Note: For optimal battery life, avoid overcharging and allow the drone to cool down before recharging after use.

5. Operating Instructions

The Sky Viper Aura drone is designed for intuitive, remoteless control.

5.1 Powering On/Off

- To power on, locate the power switch on the drone and slide it to the "ON" position. The LEDs will illuminate.
- To power off, slide the power switch to the "OFF" position. The LEDs will turn off.

5.2 Launching the Drone (Toss It!)

The Aura drone can be launched by simply tossing it into the air.

1. Ensure the drone is powered on and its propellers are clear.
2. Gently toss the drone upwards into the air. The propellers will automatically engage, and the drone will begin to hover.



Image: A hand positioned near the Sky Viper Aura drone, demonstrating the touch-control interaction and the drone's light projections.

5.3 Touch Control (Push It! Bump It!)

The Aura drone responds to touch and proximity, allowing you to guide its flight without a remote control.

- **Guiding Flight:** Gently push the drone in the desired direction of flight. The drone's sensors will detect the interaction and adjust its trajectory.
- **Altitude Control:** The drone is designed to maintain a stable hover. If pushed too high, it will slow its ascent and gently descend back into reach.
- **Impact Resistance:** The drone is built to withstand bumps and minor collisions, making it suitable for interactive play.

5.4 Prismatic LED Light Show & Adaptive Light Modes

The Aura drone features a 360-degree display of prismatic light, projecting kaleidoscopic patterns both upwards and downwards. The 8 pulsating LEDs illuminate its spinning frame.

- **Color Changing:** The super bright LEDs change patterns and colors as you interact with the drone (e.g., by bumping it).
- **Cosmic Projections:** The drone projects dynamic light patterns onto ceilings and floors, creating an immersive visual experience.



Image: A detailed view of the Sky Viper Aura drone, showcasing its active LED lights and the intricate design of its protective cage.

5.5 Official Product Video

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

Video: An official product video demonstrating the Sky Viper Aura Drone's flight capabilities, touch control, and vibrant LED light show, including its cosmic projection features.

6. Maintenance

Proper maintenance ensures the longevity and performance of your Sky Viper Aura drone.

- **Cleaning:** Use a soft, dry cloth to gently wipe the drone's surface. Do not use harsh chemicals or abrasive materials. Ensure no dust or debris accumulates around the propellers or sensors.
- **Propeller Inspection:** Regularly check the propellers for any damage, cracks, or bends. While the drone is designed to be tough, damaged propellers can affect flight stability. Do not attempt to fly with damaged propellers.
- **Battery Care:**
  - Store the drone in a cool, dry place when not in use.
  - If storing for an extended period, ensure the battery is partially charged (around 50%) to preserve its health.
  - Do not store the drone with a fully depleted or fully charged battery for long durations.

7. Troubleshooting

If you encounter issues with your Sky Viper Aura drone, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drone does not power on.	Battery is depleted.	Charge the drone fully using the provided USB cable.
Short flight time.	Battery not fully charged or aging battery.	Ensure the drone is fully charged before each use. Flight times are typically around 6-10 minutes.
Drone flies erratically or crashes frequently.	Obstacles in flight path, damaged propellers, or sensor interference.	Ensure a clear flying area. Check propellers for damage and replace if necessary. Avoid flying near strong light sources or reflective surfaces that might interfere with optical sensors.
Drone gets caught in hair or objects.	Proximity to hair/loose items during flight.	Always ensure hair, loose clothing, and other objects are kept clear of the drone's propellers during operation. The drone's flight path can be unpredictable due to its touch-control nature.
LED lights are dim or not working.	Low battery or internal issue.	Charge the drone. If the issue persists after charging, contact customer support.

8. Specifications

Feature	Detail
Brand	Sky Viper
Model Name	Sky Viper Aura Touch Control Light Drone
Model Number	18725
Control Type	Gesture Control (Remoteless)
Connectivity Technology	USB (for charging)
Battery	Built-in 3.7V 380mAh LiPo Battery
Charging Time	Approx. 60 minutes
Flight Time	Approx. 6-10 minutes (varies with usage)
Dimensions (L x W x H)	5.75" x 2.52" x 9.06"
Item Weight	5 ounces (0.31 Pounds)
Material	Plastic
Recommended Age	6 years and up
Optical Sensor Technology	Infrared, Optical Flow

9. Warranty and Support

Warranty information for the Sky Viper Aura Touch Control Light Drone is typically included with the product packaging or available on the manufacturer's official website. Please retain your proof of purchase for warranty claims.
For technical support, troubleshooting assistance, or to inquire about replacement parts, please visit the official Sky Viper website or contact their customer service department. You can find more information at the Sky Viper Store on Amazon.

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