



## STUNT DRONE

#### **POWERING UP AND PAIRING REMOTE**







Place the drone on level surface.



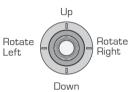
Turn on controller



Once blinking lights turn solid, drone is ready to fly.

# THROTTLE STICK

**FLIGHT CONTROLS** 

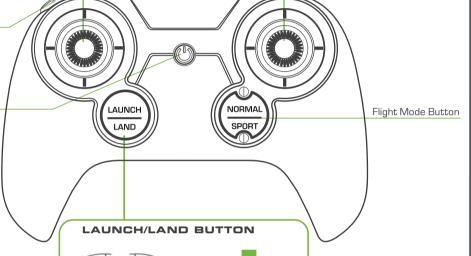


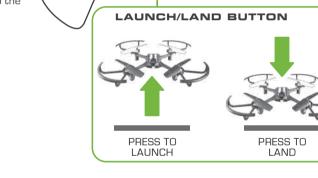
Fly Left Fly Backward

Stunt Button

Power Button

• 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.





## **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.



**POSITION HOLD** is active in both NORMAL and SPORT modes. Simply let go of the control sticks and the Surface Scan sensor will keep the drone in a steady hover and will not drift away.

Ensure the Surface Scan view port on the underside of the drone is free from obstruction.



## TROUBLESHOOTING

If drone does not function properly, please check and add new batteries in the controller.

If your drone won't launch, you may need to calibrate the sensors.

- Power on drone and place on a level surface. Power on controller.
- When controller is paired with drone, hold the Stunt and Flight Mode buttons for 2 seconds.
- $\bullet$   $\,$  Controller will play two beeps when the sensors have been calibrated.

#### **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.







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.

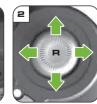




## FLIP IN 4 DIRECTIONS

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.

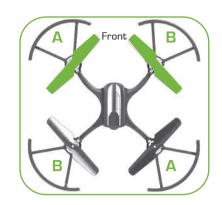


## STUNT DRONE

#### REPLACING DAMAGED BLADES

Use the included screwdriver to unscrew the propeller, then pull up on propeller to detach. Match A propellers to A legs and B propellers to B legs. Replace screws and tighten.





#### **CONNECTING BATTERY**









Close the battery latch



Connect the battery

#### **ADULT SUPERVISION REQUIRED**

Before each use, an adult should check this product and the LiPo battery to ensure no damage or hazards exist. Drone has rotating blades that move at high speed, posing danger of damage and injury. Use of included blade guards strongly recommended. Pilots are responsible for any actions that result in damage or injury from the improper operation of drone. Adequate flying space is required. Avoid flying near interior fans and/or vents as they may make flying difficult to control. Keep a safe distance away from streets, public thoroughfares and power lines. Never attempt to retrieve drone from any location higher than your reach (such as rooftops or trees) or from any location that poses a safety hazard. Never fly drone at night. Keep drone in sight at all times during operation. Discontinue operation immediately if drone flies out of your field of view. Do not fly near spectators or animals. Keep spinning rotors away from fingers, hair, eyes and other body parts. Always launch from a flat surface. Never leave drone unattended while it is turned on. Read all enclosed information before operating.

## THIS PRODUCT CONTAINS A LITHIUM-POLYMER BATTERY 3.7V 650mAh

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.

- Keep away from flammable materials.
- Do not expose to direct sunlight.
- Do not place in fire or leave in hot places.
- Do not drop or make subject to strong impact.
- Keep dry and away from water.
- Remove exhausted battery as soon as possible and discard properly. Remove battery from the compartment if toy is not used for a long period of time.
- The supply terminals are not to be short circuited.
- Never throw battery in a fire or attempt to open outer casing.
- Do not leave battery connected to drone when not in use
- Do not stress, press or drop the battery.
- Never charge battery unattended. When charging battery you should always remain in constant observation to monitor the charging process and react to potential problems that may occur.
- Disconnect with the charging wire if the battery is fully charged.
- Never store or charge battery inside the car in extreme temperatures, since extreme temperature could ignite fire.
- Use caution to avoid puncture of the battery. Puncture of battery may cause a fire.

LiPo Battery Disposal: LiPo batteries must be recycled or disposed of properly. They should not be disposed of with other household waste. Check your local laws and regulations for correct recycling and/or battery disposal.

## **AAA BATTERY CAUTIONS**

- Do not use rechargeable batteries.
- Non-rechargeable batteries are not to be recharged.
- Do not mix old and new batteries and Do not mix alkaline, standard (carbon-zine) or rechargeable (ni-cad, ni-mh, etc.) batteries
- Batteries are to be inserted using correct polarity.
- Remove exhausted batteries as soon as possible and discard properly.
- Remove all batteries from compartment if toy is not used for a long period of time.
- The supply terminals are not to be short circuited.
- Batteries should be replaced by an adult.
- Never throw batteries in a fire or attempt to open the outer casing.

## WARNING: Batteries are harmful if swallowed. Please keep away from children.

Battery Disposal: Dispose of batteries according to the local laws and regulations of your region. Some batteries may be recycled, and may be accepted for disposal at your local recycling center. If you are not able to identify the applicable rules in your area, please check the instructions of the battery manufacturer.

#### CONTENTS

- Stunt Drone
- USB Charging Cable
- Rechargeable 3.7V 650 mAH LiPo Battery

- 4 Replacement Blades
- 4 Blade Guards
- Screwdriver & Extra Screws

#### REPLACEMENT BATTERY AVAILABLE

#### Increase your flying time with an additional battery!

Details of how to purchase additional or replacement battery packs available at SKYVIPER.COM

#01846

## INSTALLING BATTERIES IN THE CONTROLLER



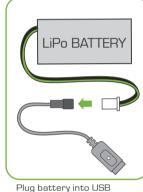


\*Batteries not included

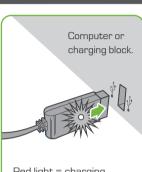
#### **CHARGING THE LiPo BATTERY**



Remove LiPo battery from compartment and unplug cable



Plug battery into USB charging cable



Red light = charging Green light = fully charged

Insert charging cable into USB charging block or computer. Charge until light turns green then unplug

## **CHARGING PRECAUTIONS:**

- After use, allow battery to cool down to room temperature before charging again.
- Charge battery in an isolated area, away from excessive heat or moisture.
- If you suspect that the battery is damaged or swelling, discard the battery in accordance with
- Do not modify, heat, or wet the battery in any way. Only recharge with provided charger.

# **FAILSAFE GUIDE**

- When the drone turns upside down, the motors will stop spinning.
- When the drone goes out of range of the controller, it will automatically land itself in its current position. If the controller comes back in to range before the drone lands, press up on throttle to
- When the drone's battery is low, the LEDs on the drone will begin to blink rapidly, and a tone is played continuously on the controller. The drone will begin to land. Press up on throttle to cancel
- When the drone's battery is depleted, the drone will automatically land itself in its current position. This automatic landing cannot be interrupted with the controller
- When the propeller is jammed or blocked by an obstacle switch off the controller immediately to prevent possible or further damage

This device complies with PART 15 of the FCC Rules. Operation is subject to the following two conditions. (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAUTION: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna - Increase the separation between the equipment and receiver - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected - Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

For Drone: This equipment should be installed and operated with minimum distance 20cm between the radiator your body.

Remove all packaging attachments before giving the toy to a child. Not suitable for children under 3 years due to small parts that could be swallowed. Conforms to product safety standards ASTM F963. Keep instructions for future reference. Do not discard.

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## **WE'RE HERE TO HELP**

For questions about this product:

Online: skyviper.com/support

1-888-674-5650 M-F 9am to 6pm PST

The software included in this product contains copyrighted software that is licensed under the GPLv3. A copy of that license is included in our website at the URL below. You may obtain the complete Corresponding Source code from us for a period of three years after our last shipment of this product and/or spare parts therefor, which will be no earlier than 05-01-2021, on our website at http://www.skyviper.com/opensource

# ISED RSS warning

This device complies with ISED licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under ISED regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by ISED. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that, the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

## ISED Radiation Exposure Statement:

This equipment complies with ISED RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

For Quadcopter: This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Conformément à la réglementation ISED, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par ISED. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

ISEDexposition aux radiations:

Cet équipement est conforme avec ISED les limites d'exposition aux rayonnements définies pour un contrôlé environnement.

Cet émetteur ne doit pas être co-localisés ou fonctionner en conjonction avec une autre antenne ou émetteur.

Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre le radiateur et votre corps.