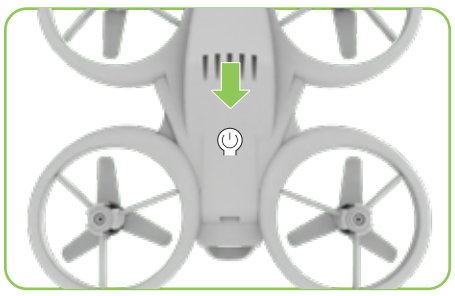
SKY VIPER

MARTIX

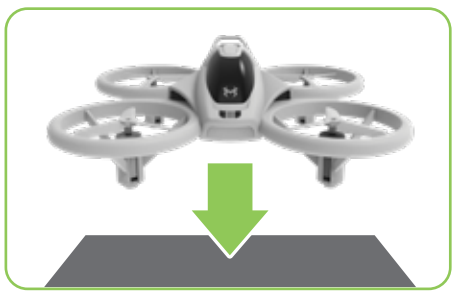
LED STUNT DRONE

FLYING GUIDE

POWERING UP AND PAIRING REMOTE (SEE CHARGING + BATTERY INSTRUCTION BEFORE POWERING UP)



Turn the drone on.



Place the drone on level surface for calibration.

Turn on controller.

When LEDs turn solid, the drone is ready to fly.

FLIGHT CONTROLS

THROTTLE STICK

Ascend Up

Yaw (rotate) — Yaw (rotate)

Descend Down

MANUAL LAUNCH:
Push throttle up and hold until props spin (to disengage safety). Release to center, then push up again to launch.

POWER / HEADLESS MODE

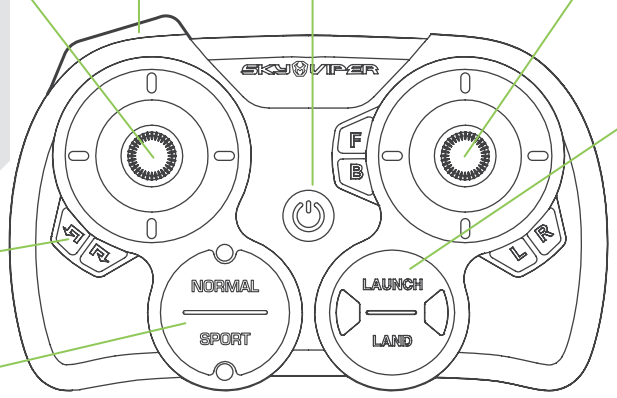
- Press to turn power on
- Tap to toggle Headless Mode on or off
- Long hold to turn power off

DIRECTION STICK

Forward

Fly Left — Fly Right

Backward



EMERGENCY STOP
Press and hold the Launch/Land button to land quickly and immediately. Only use if necessary, landing from above 10 ft may cause damage.

AUTO-SAFETY FEATURES

- If drone battery is low, the LEDs will blink rapidly. Once battery level is critical, the drone will auto-land.
- If drone flies out of range, it will automatically descend and land in its current position. If connection is reestablished before landing, pressing the throttle up will cancel auto-landing.
- If the drone lands upside down, the drone motors will automatically stop spinning.

  NOTE: If drone ceases to function as expected of begins to perform erratiaclly, restart both drone and remote to recalibrate. If problems persist, recharge drone battery and replace batteries in remote.

AFTER A CRASH

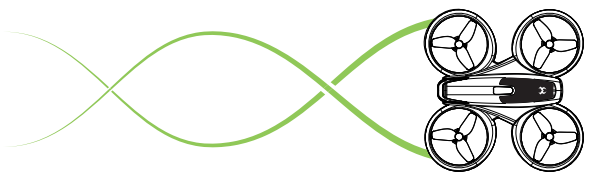
After a crash, flip Matrix upright on a level surface. Wait 10 seconds before relaunching. If drone behaves erratically, restart both drone and remote to reset.

ONE TOUCH STUNTS

NOTE: Once a stunt has been initiated, DO NOT adjust Throttle or press any other controls until the stunt has been completed.

BARREL ROLL LEFT OR RIGHT

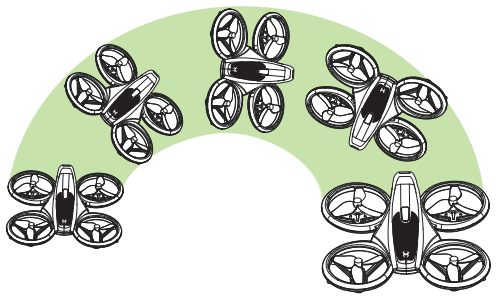
While flying forward (or reverse), tap the STUNT button.



FLIP IN 4 DIRECTIONS

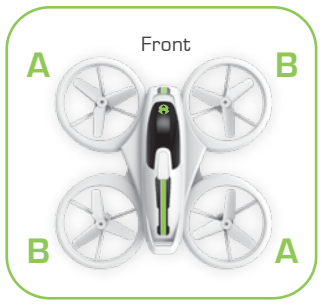
1. Bring the drone to a mid-air hover without flying in any direction. Remove finger from the RIGHT thumbstick.
2. While hovering, press and hold the STUNT button.
3. Then quickly tap the RIGHT thumbstick in the direction you want the drone to flip.

CAUTION! The drone should be flying at least 6 feet in the air with a minimum clearance of 6 feet in all directions before attempting stunt functions.



REPLACING DAMAGED BLADES

Using a fork or fingers, gently pry the blade from the motor shaft.



FLIGHT (SPEED) MODES

Whether you're new to flying or an expert pilot, there's a perfect setting for you.

MODE 1: Beginner
Smooth, steady, and slow. Ideal for learning control in tight spaces.

TOP LED SOLID

MODE 2: Intermediate
A step up in speed and response for confident indoor flights.

TOP LED BLINKING

MODE 3: Advanced
Quicker turns and sharper handling for skilled maneuvers.

BOTTOM LED SOLID

MODE 4: Pro Flyer
Maximum speed and agility. Engineered for fast, high-energy flying.

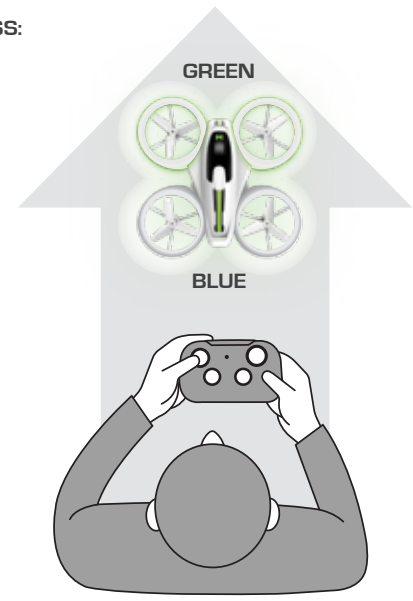
BOTTOM LED BLINKING

EASY TO FLY HEADLESS MODE

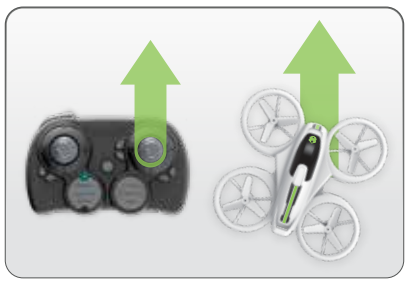
Headless mode is a simple way to fly, perfect for beginners still learning traditional controls.

IMPORTANT:

BEFORE TURNING ON HEADLESS:
Place drone on level ground facing away from you (green rings forward), then stand behind drone, facing the same direction Matrix is pointing. (Do not stand too close or directly over drone). After launching, this direction will be "forward" even if drone spins or turns during flight.



TURN ON HEADLESS:
While still standing behind drone, quick-tap the power button to activate Headless mode. Drone rings will quickly flash in a circular formation to confirm selection, then occasionally blink while in Headless mode.



FLYING:
Direction stick functions differently in Headless mode. Push the direction stick forward and Matrix will fly away from you. Push right and Matrix flies to your right. Push left and Matrix flies to your left. Even if you yaw/rotate during flight, pushing right will still send Matrix to your right, regardless of which direction Matrix is actually facing.

You can toggle Headless on/off at any time by tapping the remote power button. Regular Flight Modes can also be used with Headless mode.

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LED STUNT DRONE

MAINTENANCE

CONTENTS

- Led Stunt Drone
- USB Charging Cable
- Controller
- 4 Replacement Blades

Propellers Not Spinning?

If one or more of your drone's propellers will not spin, check for foreign objects on or around the motor and propeller. Remove the propeller with a fork or tweezers, clear debris, and then replace the propeller. Do not use excessive force when putting the propeller on the motor.

WE'RE HERE TO HELP

For questions about this product:

Online: skyviper.com/support

Email:
support@skyrockettoys.com

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

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 into range before the drone lands, it is possible to cancel this automatic landing by pressing up on the left thumbstick.

When the drone's battery is at 10% or less, the LEDs on the drone will begin to blink rapidly until the drone is turned off.

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.

If the drone detects that no input has been received by the controller for 15 seconds, the drone will automatically land itself in its current position.

TRIM ADJUSTMENTS

IF THE DRONE DRIFTS FORWARD: Press "**B**" button several times until the drone stops drifting forward.

IF THE DRONE DRIFTS BACKWARD: Press "**F**" button several times until the drone stops drifting backward.

IF THE DRONE DRIFTS LEFT: Press "**R**" button several times until the drone stops drifting left.

IF THE DRONE DRIFTS RIGHT: Press "**L**" button several times until the drone stops drifting right.

IF THE DRONE SPINS COUNTER-CLOCK-WISE (VIEWED FROM ABOVE)**:** Press the button several times until the drone stops spinning.

IF THE DRONE SPINS CLOCKWISE (VIEWED FROM ABOVE)**:** Press the button several times until the drone stops spinning.

TIPS:

#1: When the controller LED flashes 3 times quickly, the trim is at middle of trim range.

#2: If you are uncomfortable trimming the drone in flight, you can land onto a flat surface and make your trim adjustments.

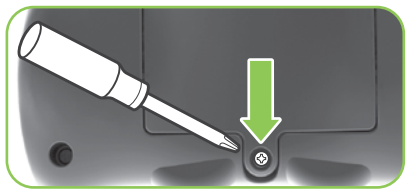
CONTROLLER MODE SET-UP

When the controller is OFF, press and hold the flight mode button, LAUNCH/LAND button, and POWER button for three seconds to toggle between mode 1 and mode 2.

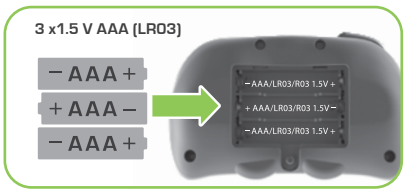
Mode 2 (default, most commonly used)
LEFT thumbstick makes the drone go up/down, and rotate clockwise/counter-clockwise. RIGHT thumbstick makes the drone fly forward, backward, left, and right.

Mode 1 (used in Australia and most Asian & European countries)
LEFT thumbstick makes the drone fly forward/backward, and rotate clockwise/counter-clockwise. RIGHT thumbstick makes the drone go up/down, and fly left and right.

INSTALLING BATTERIES IN THE CONTROLLER



*Screwdriver not included.



*Batteries not included.

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. 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.

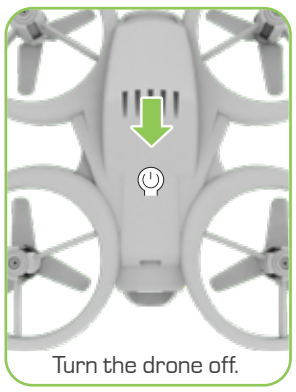
LiPo Battery Disposal: LiPo batteries must be recycled or disposed of properly. They should not be disposed of with other household waste. Check your local laws and regulations for correct recycling and/or battery disposal.

AAA BATTERY CAUTIONS

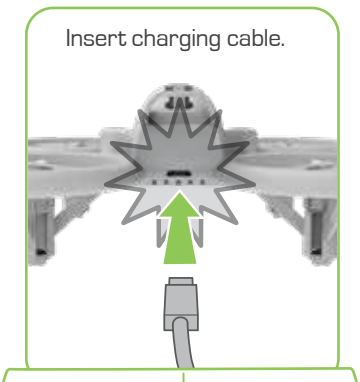
- Do not use rechargeable batteries.
- Different types of batteries or new and old batteries are not to be mixed.
- Batteries are to be inserted using correct polarity.
- Remove exhausted batteries as soon as possible and discard properly.
- Remove all batteries from compartment if toy is not used for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

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.

CHARGING THE DRONE

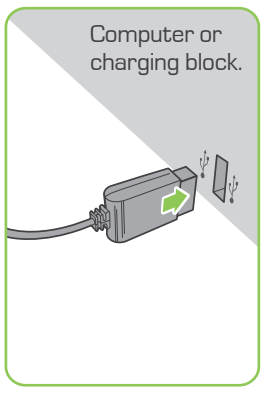


Turn the drone off.



Insert charging cable.

RED = CHARGING | **GREEN = READY**



Computer or charging block.

CHARGING PRECAUTIONS:

- After use, allow drone (battery on bottom) 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 your country's recycling laws.
- Do not modify, heat, or wet the battery in any way. Only recharge with provided charger.

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.

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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SKYROCKET TOYS 30-DAY LIMITED WARRANTY

Skyrocket warrants to the original purchaser that this product is free of defects in materials or workmanship for 30 days from the original purchase. This warranty only applies to defects in material and workmanship and is not valid if the product has been misused or not assembled and maintained per instructions. Proof of defect or malfunction must be provided and verified, along with original sales receipt with date. For quickest resolution, defective product should be returned to the original point of purchase for exchange or refund.

If you have questions or difficulties, please contact Skyrocket Toys customer service department at support@skyrockettoys.com.

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