

FLY THE BEST INSTRUCTION MANUAL

SWIFT STREAM™ Z360V CAMERA DRONE

INDOOR / OUTDOOR



Manual Contents

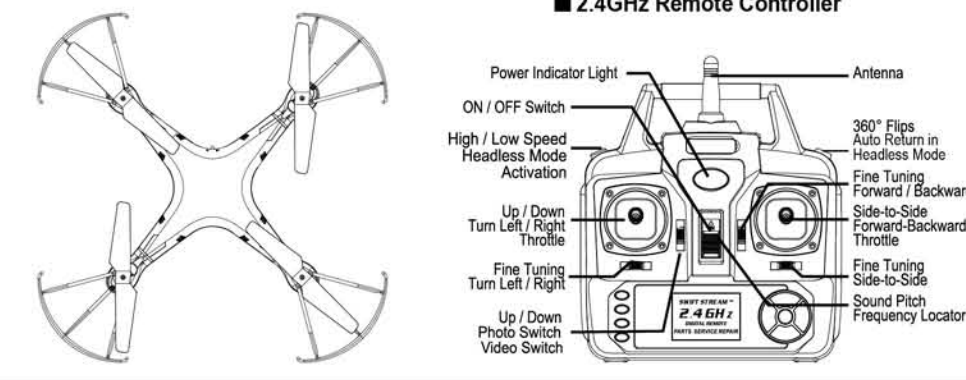
- Packing list
- Battery installation
- Charging instructions
- Camera installation
- Camera instructions
- Flying quick start guide
- Headless function
- Flying instructions
- 360 Flips
- Calibration trim control
- Lift off correction
- Troubleshooting
- Parts list (by name and number)
- FAA registration is not required

PARTS - SERVICE - REPAIRS
 OPEN Mon - Fri 9am to 6pm / Sat 10am to 3pm (EST)
 TOLL FREE: 866-296-2700 • TEL: 248-809-2129
 Email: Service@SwiftStreamRC.com
 Website: www.SwiftStreamRC.com

Federal Aviation Administration
 This Drone is Under the FAA Required Weight and Does Not Require Registration

PACKING LIST

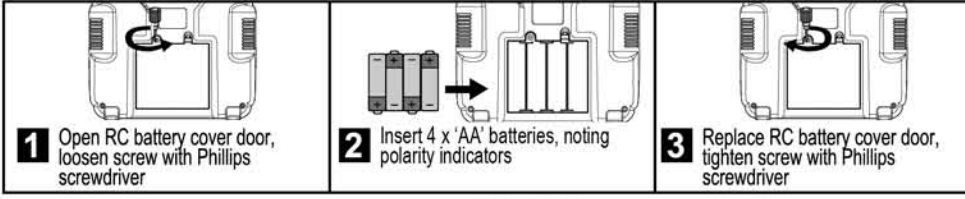
■ Z-360V Drone ■ 2.4GHz Remote Controller



Parts Included

- Screwdriver
- Spare Blades
- Landing gears
- Card Reader with 2 GB memory Card
- USB Charge Cable

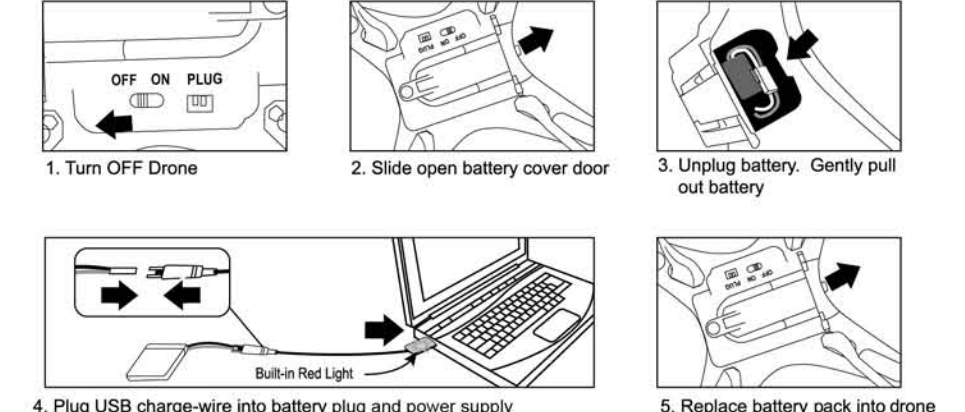
BATTERY INSTALLATION



1. Open RC battery cover door, loosen screw with Phillips screwdriver
 2. Insert 4 x AA batteries, noting polarity indicators
 3. Replace RC battery cover door, tighten screw with Phillips screwdriver

(FRESH ALKALINE BATTERIES STRONGLY RECOMMENDED)

CHARGING INSTRUCTIONS



1. Turn OFF Drone
 2. Slide open battery cover door
 3. Unplug battery. Gently pull out battery
 4. Plug USB charge-wire into battery plug and power supply
 5. Replace battery pack into drone and close the battery cover door

A. USB charge-wire red light will stay on until charging is completed. When the battery is fully charged, the USB charge-wire red light will turn off. A full charge can take up to 2 hours.
 B. Put USB charge-wire away for safe keeping.

Safety Precautions when charging Li-ion battery

- Gently insert the USB charge-wire plug into the battery plug and never use force
- Do not over-charge the battery - doing so may shorten battery life (charge time up to 2-hours)
- Do not use or leave the battery near any heat source-this may damage the battery with risk of the battery exploding
- Do not strike, slam, attempt to puncture or otherwise attempt to damage the battery
- Do not submerge the battery in water or any other liquid
- Store battery in a cool dry place
- Do not attempt to disassemble the battery
- Use only the included USB charge-wire for charging the battery
- Do not use the included USB charge-wire to charge any other battery
- Do not leave a charging battery unattended

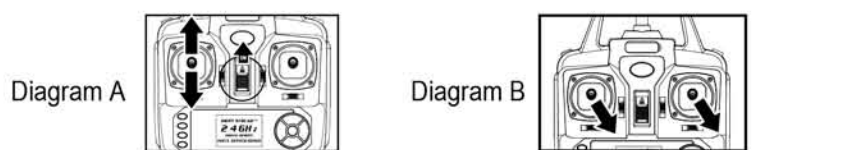
STOP
 CHARGE BATTERY ON A FLAT - NON FLAMMABLE SURFACE NEVER CHARGE ON CARPET, RUBS OR SOFT MATERIAL.

INSTALL LANDING GEAR
 Install the landing gear to the bottom of drone and tighten screws

INSTALL FRONT AND REAR BLADE GUARDS
 Insert pins and tighten screws

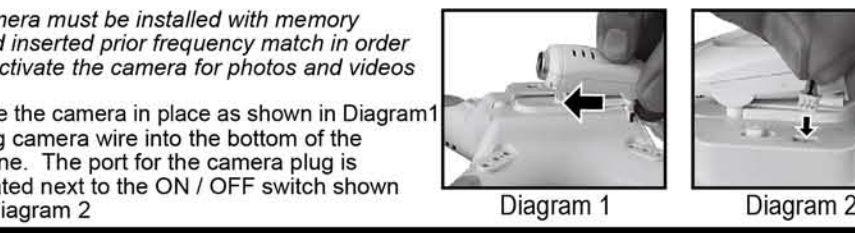
FREQUENCY MATCH / FACTORY RESET

Turn on drone. Turn on RC and it will beep 3 times. Push left throttle stick upward, then downward. RC will beep once indicating the drone and RC are now frequency matched. To reset back to factory setting, after frequency matched, simultaneously push both left and right stick as shown in diagram B



CAMERA INSTALLATION AND INSTRUCTIONS

** Camera must be installed with memory card inserted prior frequency match in order to activate the camera for photos and videos



1. Slide the camera in place as shown in Diagram 1
 2. Plug camera wire into the bottom of the Drone. The port for the camera plug is located next to the ON / OFF switch shown in Diagram 2

CAMERA INSTRUCTIONS AND INSTRUCTIONS

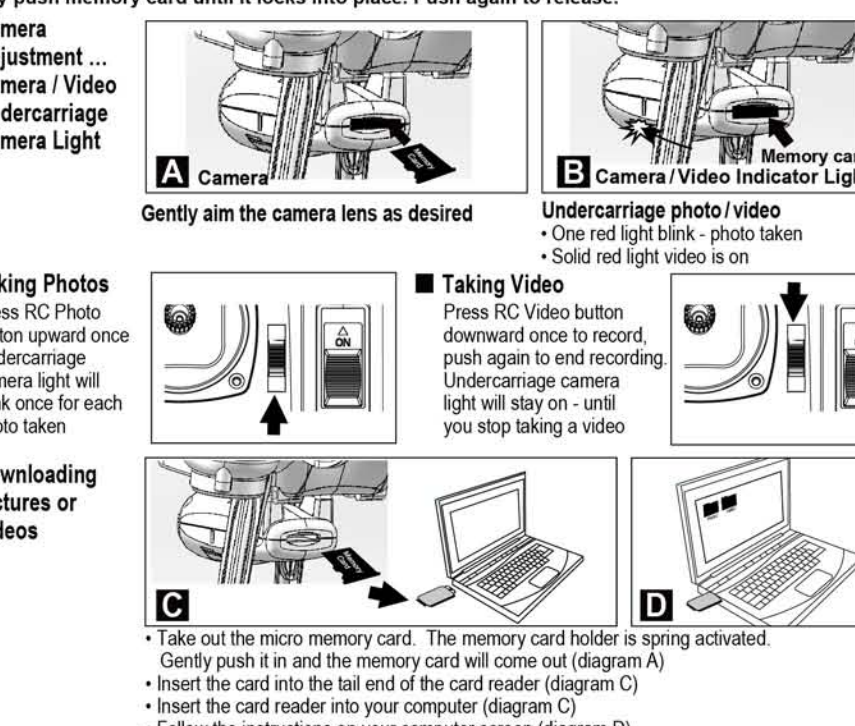
Insert memory card into the card slot of camera (Diagram A)
 Gently push memory card until it locks into place. Push again to release.

■ Camera Adjustment ...
 Camera / Video Undercarriage Camera Light

■ Taking Photos
 Press RC Photo button upward once
 Undercarriage camera light will blink once for each photo taken

■ Taking Video
 Press RC Video button downward once to record, push again to end recording. Undercarriage camera light will stay on - until you stop taking a video

■ Downloading Pictures or Videos

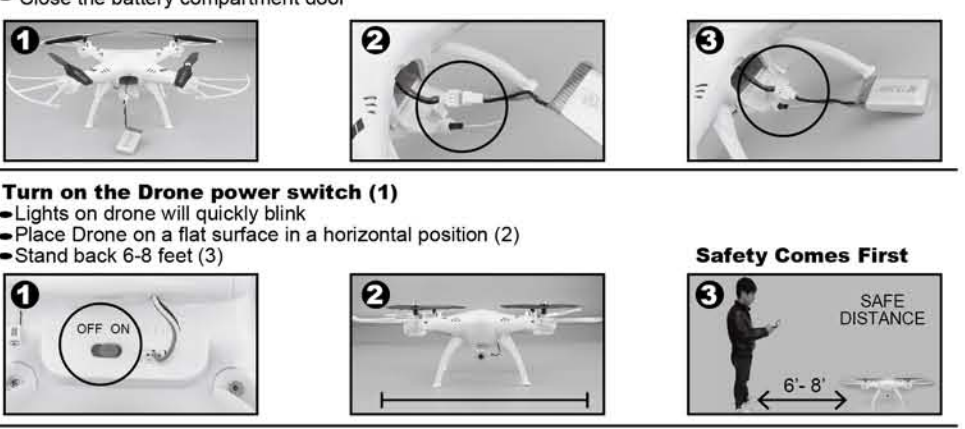


A. Gently aim the camera lens as desired
 B. Camera / Video Indicator Light
 Undercarriage photo / video
 • One red light blink - photo taken
 • Solid red light video is on
 C. Gently push it in and the memory card will come out (diagram A)
 D. Insert the card into the tail end of the card reader (diagram C)
 E. Insert the card reader into your computer (diagram C)
 F. Follow the instructions on your computer screen (diagram D)

FLYING QUICK START GUIDE

GETTING STARTED
 Once your Drone battery is fully charged and you're ready to start flying

Insert the Drone battery into the Drone battery compartment



1. Plug in Drone battery (battery wire white-tip inserts into Drone power wire white-tip)
 2. Close the battery compartment door

Turn on the Drone power switch (1)

- Lights on drone will quickly blink
- Place Drone on a flat surface in a horizontal position (2)
- Stand back 6-8 feet (3)

Safety Comes First

SAFE DISTANCE 6'-8'

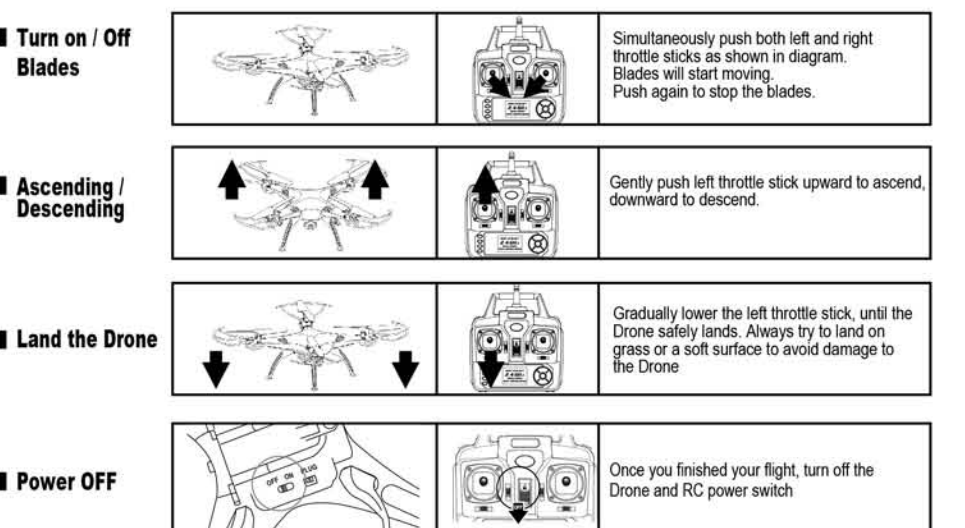
START FLYING

■ Turn on / Off Blades
 Simultaneously push both left and right throttle sticks as shown in diagram. Push again to stop the blades.

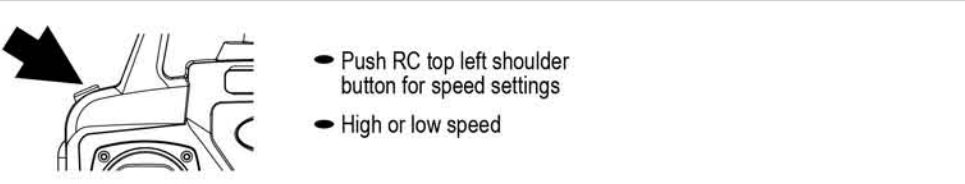
■ Ascending / Descending
 Gently push left throttle stick upward to ascend, downward to descend.

■ Land the Drone
 Gradually lower the left throttle stick, until the Drone safely lands. Always try to land on grass or a soft surface to avoid damage to the Drone

■ Power OFF
 Once you finished your flight, turn off the Drone and RC power switch



SPEED SETTINGS



- Push RC top left shoulder button for speed settings
- High or low speed

FCC Statement

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.

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 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:

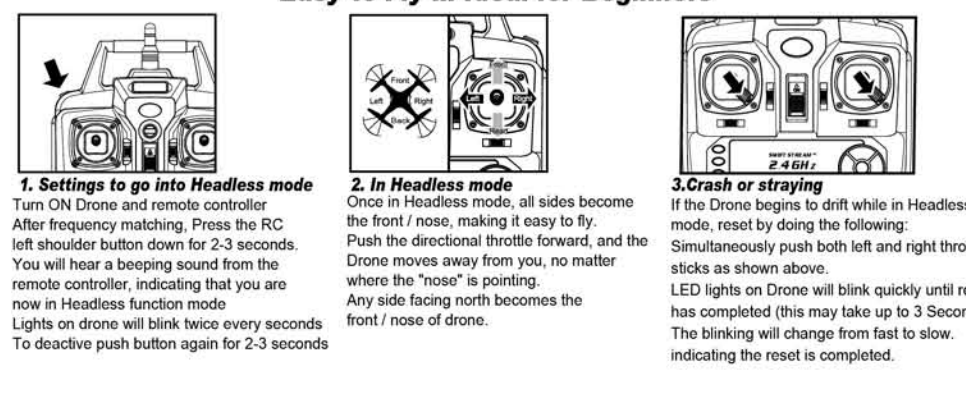
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device is measured RF output power is less than the SAR exclusion threshold value for human head and body. Therefore, SAR test is not necessary.

HEADLESS FUNCTION SETTINGS TO GO INTO HEADLESS MODE

4-Sided Front / Nose ... All sides become the Front / Nose
 Easy to Fly ... Ideal for Beginners



1. Settings to go into Headless mode
 Turn ON Drone and remote controller. After frequency matching, Press the RC left shoulder button down for 2-3 seconds. You will hear a beeping sound from the remote controller, indicating that you are now in Headless function mode. Lights on drone will blink twice every seconds. To deactivate push button again for 2-3 seconds

2. In Headless mode
 Once in Headless mode, all sides become the front / nose, making it easy to fly. Push the directional throttle forward, and the Drone moves away from you, no matter where the "nose" is pointing. Any side facing north becomes the front / nose of drone. The blinking will change from fast to slow, indicating the reset is completed.

3. Crash or straying
 If the Drone begins to drift while in Headless mode, reset by doing the following: Simultaneously push both left and right throttle sticks as shown above. LED lights on Drone will blink quickly until reset has completed (this may take up to 3 seconds). The blinking will change from fast to slow, indicating the reset is completed.

■ Auto Return In Headless Mode
 Press top right shoulder button on RC and hold it down for 2-3 seconds. Drone will fly back towards you. To deactivate, push button again for 2-3 seconds, or push right throttle stick upward

FLYING INSTRUCTIONS

■ Ascending
 Gently push left throttle stick up. Drone will fly upward

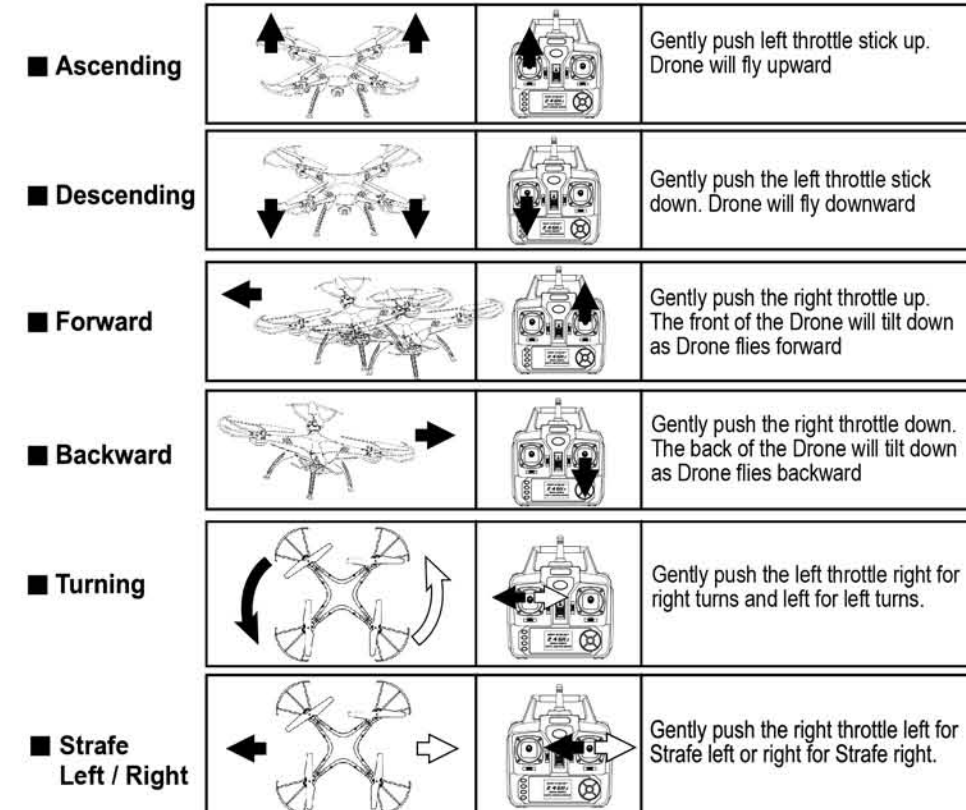
■ Descending
 Gently push the left throttle stick down. Drone will fly downward

■ Forward
 The front of the Drone will tilt down as Drone flies forward

■ Backward
 Gently push the right throttle down. The back of the Drone will tilt down as Drone flies backward

■ Turning
 Gently push the left throttle right for right turns and left for left turns.

■ Strafe Left / Right
 Gently push the right throttle left for Strafe left or right for Strafe right.



360° FLIPS

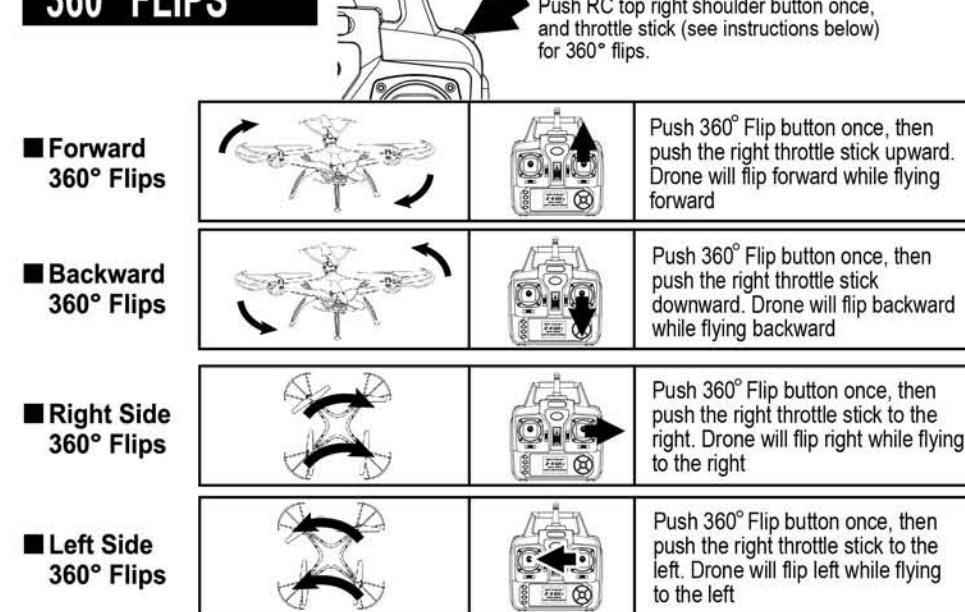
Push RC top right shoulder button once, and throttle stick (see instructions below) for 360° flips.

■ Forward 360° Flips
 Push 360° Flip button once, then push the right throttle stick upward. Drone will flip forward while flying forward

■ Backward 360° Flips
 Push 360° Flip button once, then push the right throttle stick downward. Drone will flip backward while flying backward

■ Right Side 360° Flips
 Push 360° Flip button once, then push the right throttle stick to the right. Drone will flip right while flying to the right

■ Left Side 360° Flips
 Push 360° Flip button once, then push the right throttle stick to the left. Drone will flip left while flying to the left



CALIBRATION TRIM CONTROL

■ Trim Control Right
 Drone is turning right. Push the appointed calibration trim control button until excessive right turning stops

■ Trim Control Left
 Drone is turning left. Push the appointed calibration trim control button until excessive left turning stops

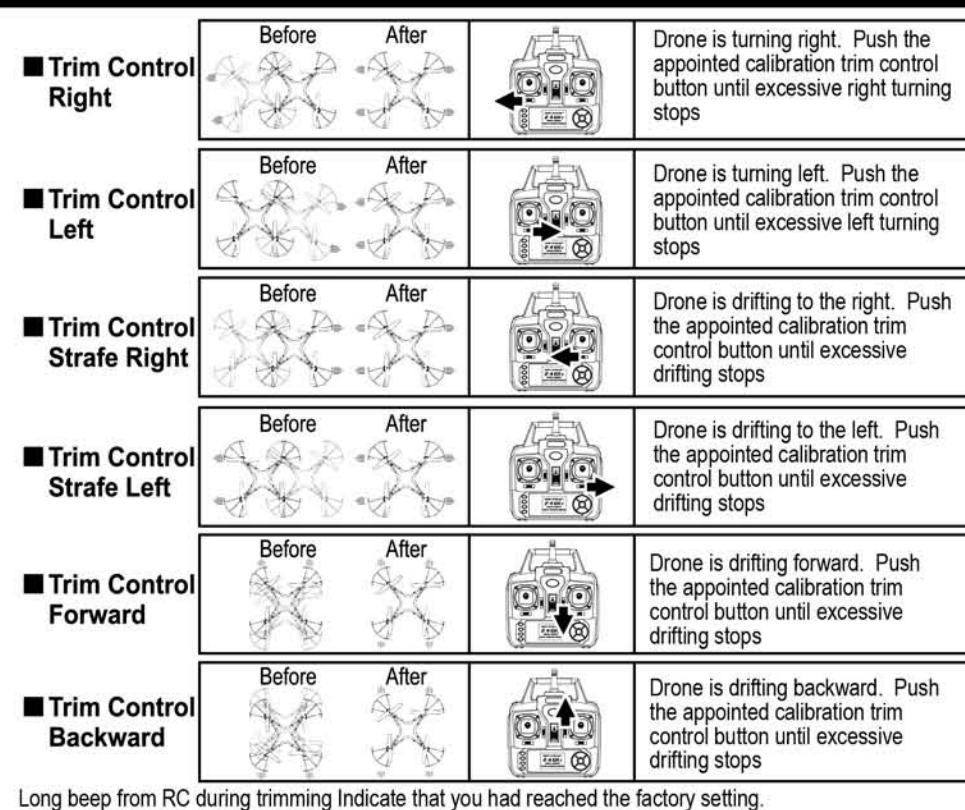
■ Trim Control Strafe Right
 Drone is drifting to the right. Push the appointed calibration trim control button until excessive drifting stops

■ Trim Control Strafe Left
 Drone is drifting to the left. Push the appointed calibration trim control button until excessive drifting stops

■ Trim Control Forward
 Drone is drifting forward. Push the appointed calibration trim control button until excessive drifting stops

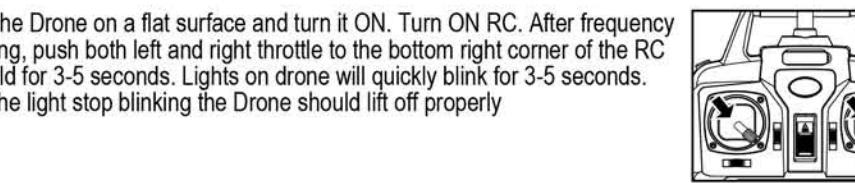
■ Trim Control Backward
 Drone is drifting backward. Push the appointed calibration trim control button until excessive drifting stops

Long beep from RC during trimming Indicate that you had reached the factory setting.



LIFT OFF CORRECTION

Place the Drone on a flat surface and turn it ON. Turn ON RC. After frequency matching, push both left and right throttle to the bottom right corner of the RC and hold for 3-5 seconds. Lights on drone will quickly blink for 3-5 seconds. Once the light stop blinking the Drone should lift off properly



TROUBLESHOOTING

PROBLEMS	SOLUTIONS
Transmitter / RC is not turning on	Replace remote controller 'AA' batteries
Battery is not charging	Make sure the battery is properly plugged into the USB charge wire. Make sure the battery wires are intact and have not separated from the contact points. Make sure your power supply to the USB charge wire is working
Drone is not flying stable or lifting off	Recharge Drone battery. Re-sync transmitter RC to Drone (match frequency). Push the calibration trim reset button. Make sure the battery cover door is closed. Make sure there is no debris in the motors. Make sure the blades are turning freely
Drone is not flying	Recharge Drone battery. Make sure the battery is properly plugged into the Drone. Go back to the "Lift off correction function" in the manual
Camera is not working	Make sure the camera's wire is plugged into the Drone and memory card is inserted. Turn off drone and RC, and on again, allow frequency to match again.

Most problems are very easily fixed with these two common solutions: Recharge the Drone battery, or reinstall the protective cages around the blades for proper clearance

FLIGHT ENVIRONMENT INDOOR / OUTDOOR

INDOOR:

- Avoid obstacles, fans, forced air, water, heat and air-conditioning vents
- Recommended flying area: 20' L x 20' W x 12' H (6.09 m x 6.09 m x 3.65 m)
- Keep flying Drone away from pets, young children, pedestrians, the elderly and the disabled

OUTDOOR:

- Do not fly on windy or rainy days, or in snow - fly in good weather
- Do not fly if you see lightning or other threatening weather
- Do not fly near trees, buildings, homes, or similar structures
- To avoid injury, do not touch the blades or any other moving parts
- Allow 10 minutes for the battery to cool down before touching
- Do not fly near overhead telephone, electrical wires or cables
- Recommended flying area: 40' x 40' (12.19 m x 12.19 m)
- Keep away from water and excessive moisture

WHEN NOT IN USE


- Be sure USB charge-wire is unplugged from power supply
- Turn Drone power switch OFF
- Turn transmitter RC power switch OFF
- When not in use for 30 days or more, remove transmitter 'AA' batteries. Batteries may leak and cause damage

WARNING

- Do not place stickers, weight, or anything else on the Drone. This may cause the unit to crash or malfunction, voiding the warranty
- Avoid flying under low ceilings. Crashing into ceilings may cause damage to the Drone
- To avoid injury, do not touch the blades or any other moving parts
- Allow 10 minutes for the battery to cool down before touching
- Keep flying Drone away from pets, young children, pedestrians, the elderly and the disabled
- Keep your hair and loose clothing away from moving blades - do not let flying drone get too close to you

USE GOOD COMMON SENSE WHEN FLYING!

SPARE PARTS LIST: AVAILABLE AT WWW.SWIFTSTREAMRC.COM



1. Drone body top and bottom
 2. Main blades 4 to a set (2) 'A' blades (2) 'B' blades
 3. Landing gears 4 to a set
 4. Protective blade guards 4 to a set
 5. LED protective light covers 4 to a set
 6. Motor A
 7. Motor B
 8. LED lights (2) red
 9. LED lights (2) green
 10. Drone circuit board with ON/OFF switch
 11. Large motor gears 4 to a set
 12. Motors shaft covers 4 to a set
 13. 3.7V 650mAh Li-poly battery
 14. USB charge-wire with built-in charge light
 15. 2.4GHz remote controller
 16. Camera 0.3MP 480*640DFI
 17. 2GB micro memory card

USE GOOD COMMON SENSE WHEN FLYING TO AVOID DAMAGE OR INJURY

AVOID DANGER
 DO NOT TOUCH ANY MOVING PARTS - KEEP YOUR HAIR AND LOOSE CLOTHING AWAY FROM MOVING BLADES - DO NOT LET FLYING DRONE GET TOO CLOSE TO YOU - ALLOW BATTERY TO COOL DOWN FOR 10 MINUTES BEFORE TOUCHING

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