

## VIDEO STREAMING DRONE

## GETTING TO KNOW YOUR DRONE

PLEASE READ ALL WARNINGS AND INSTRUCTIONS PRIOR TO USE. KEEP THIS DOCUMENT AS IT CONTAINS IMPORTANT INFORMATION ABOUT YOUR DRONE.



## 1. CHARGING

- Drone must be charged before each use (USB Charge Cable included)
- Indicator light will turn off once fully charged
- Install batteries in remote

## 2. PAIRING

Before each flight pair the remote with the drone:

- Turn your drone on and place on a flat, level surface
- Turn on the remote and move the left joystick up, then down
- The beep will indicate successful pairing
- Repeat steps 1 and 2 if necessary

## 3. DIRECTIONAL LIGHTS

- White lights indicate the front of the drone
- Red lights indicate the back of the drone
- Not applicable in auto-orientation mode

## 4. REMOTE CONTROL OVERVIEW

Practice flying your drone below 10 feet (3m) and at low speeds until comfortable with all controls to avoid damage or injury

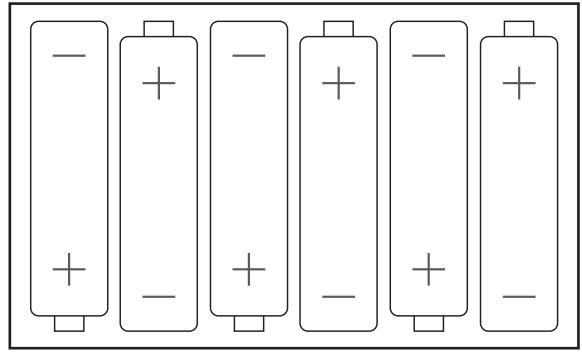
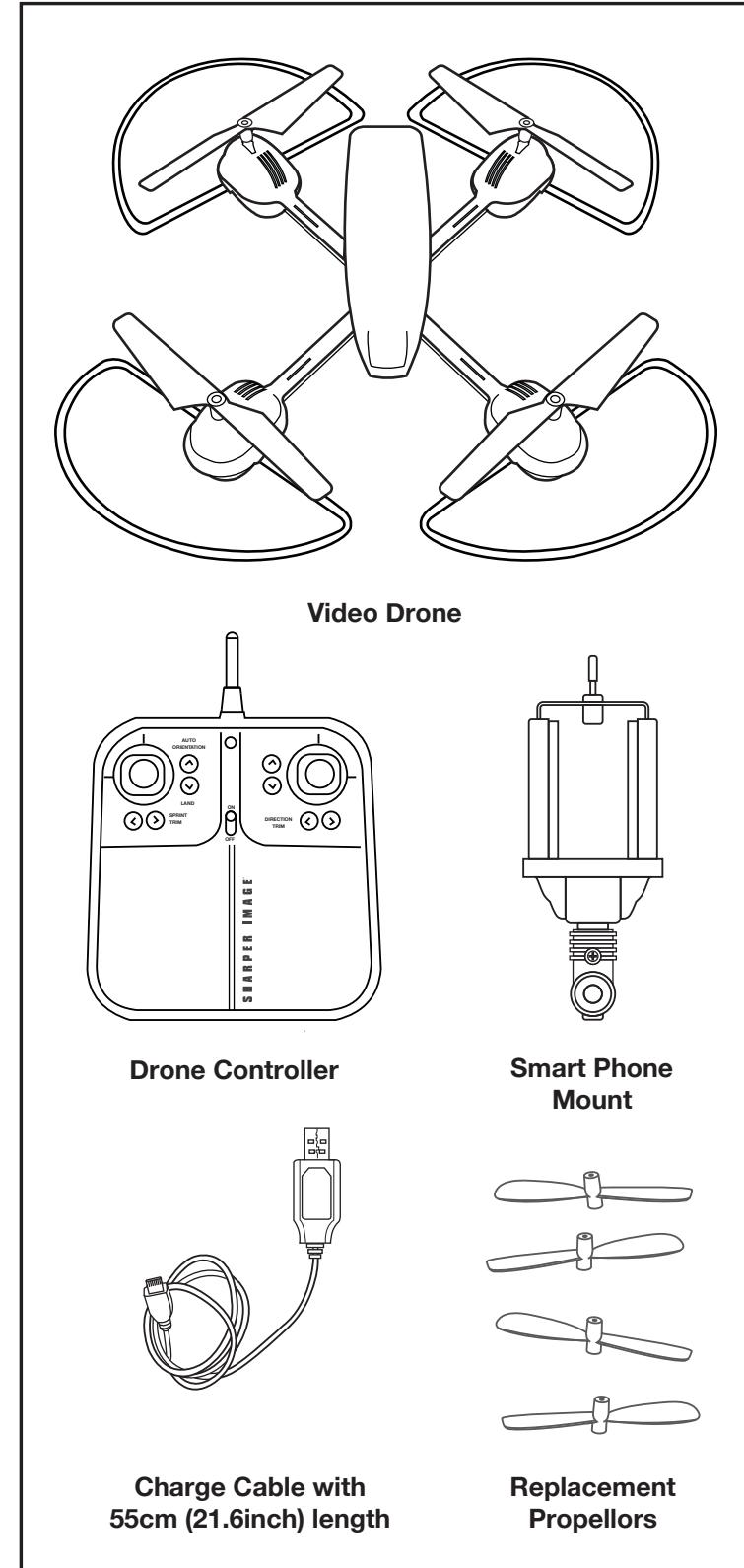
- Left joystick:
  - Up/Down controls elevation
  - Left/Right controls spin
- Right joystick: controls flight direction
- Direction Trim: use to eliminate drift

To cut power to drone, move left joystick to down position



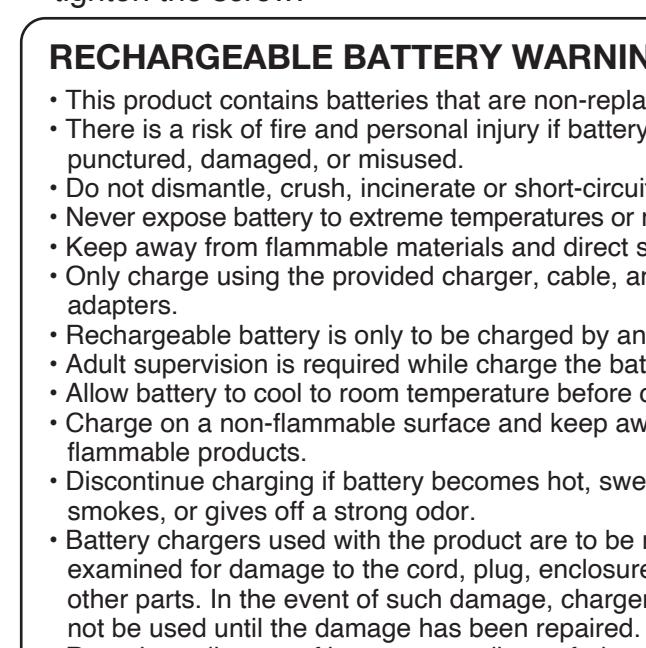
## VIDEO STREAMING DRONE

## CONTENTS



## REMOTE BATTERY INFORMATION

- Using a Phillips screwdriver to loosen the screw, remove the battery compartment door.
- Install 6 "AA" batteries while observing the correct polarity.
- Replace the battery compartment door and tighten the screw.



## RECHARGEABLE BATTERY WARNING

- This product contains batteries that are non-replaceable.
- There is a risk of fire and personal injury if battery is punctured, damaged, or misused.
- Do not dismantle, crush, incinerate or short-circuit battery.
- Never expose battery to extreme temperatures or moisture.
- Keep away from flammable materials and direct sunlight.
- Only charge using the provided charger, cable, and/or adapters.
- Rechargeable battery is only to be charged by an adult.
- Adult supervision is required while charging the battery.
- Allow battery to cool to room temperature before charging.
- Charge on a non-flammable surface and keep away from flammable products.
- Discontinue charging if battery becomes hot, swells, smokes, or gives off a strong odor.
- Battery chargers used with the product are to be regularly examined and replaced to prevent short, plug, exposure, and other parts. In the event of such damage, chargers must not be used until the damage has been repaired.
- Recycle or dispose of battery according to federal, state, and local laws.

## BATTERY WARNING

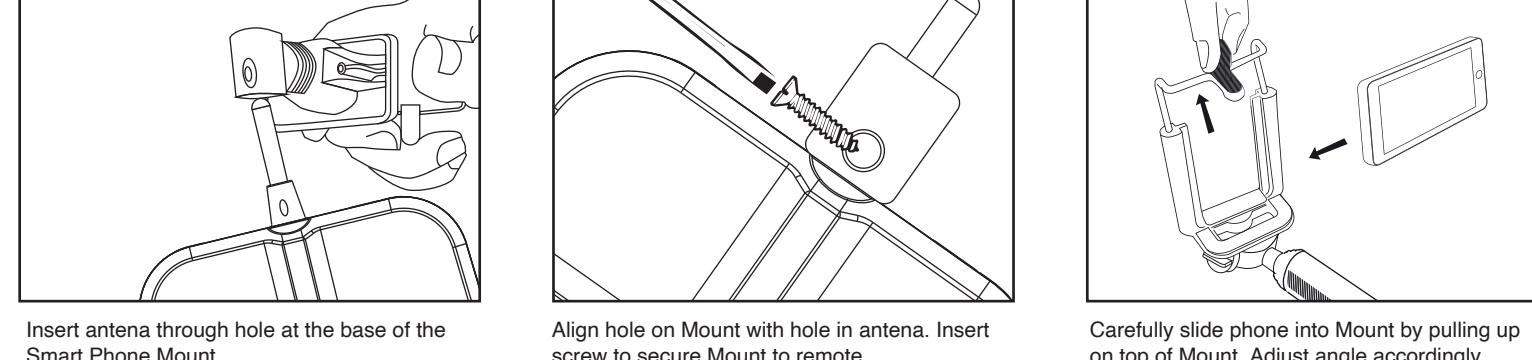
- Do not mix alkaline, standard (carbon-zinc), or rechargeable batteries.
- Insert batteries using the correct polarity.
- Do not mix batteries of different manufacturers.
- Remove batteries before storing.
- Recycle or dispose of battery according to federal, state, and local laws.
- Do not dispose of batteries in fire, batteries may explode or leak.
- Always use caution when handling batteries.
- Do not attempt to charge non-rechargeable batteries.
- Rechargeable batteries are to be removed from the item before being charged.
- Never charge batteries in direct sunlight without adult supervision.
- Exhausted batteries are to be removed from the item.
- Always use caution when handling batteries.
- Always use caution when charging batteries.

## Keep these instructions for future reference.

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## VIDEO STREAMING DRONE

## INSTALLING PHONE HOLDER



## OPERATING DRONE

**Step 1 – Pre Flight Checklist:**

- Read all warnings and instructions.
- Install remote batteries, page 2.
- Make sure that drone and remote are powered off.
- Install drone holder.
- Charge batteries, page 3.

**Step 2 – Choosing a location**

- Drone is designed to be flown indoors and outdoors.
- Always make sure you have enough space to fly drone.
- Always follow warnings, page 1.

**Step 3 – Starting Drone**

1. Make sure the remote is off, slide drone switch to ON. Drone lights will begin to flicker.

2. Place drone on a flat even surface with clearance according to diagram (Fig. 1).

3. Turn remote on. Make sure the left stick (throttle) is in a neutral position (stick is centered).

4. Push the stick up and then down.

5. A single tone indicates that the drone is paired.

Drone lights will flicker rapidly then turn off permanently once paired.

6. If pairing is unsuccessful, repeat steps 3-4.

**Step 4 – Lift Off**

Press the TAKE OFF/LAND button on the front of the drone to lift off. Drone will elevate off the ground and level off into a hover. You can compensate for some of the drone's drifting by using the Multi Directional Button or by following Step 5.

## Step 5 – Drone Begins to Drift

Follow this step if your drone begins to drift while take off or during flight:

- Drone drifts backwards: Press the forward Direction Trim Button.
- Drone drifts forwards: Press the Backwards Direction Trim Button.
- Drone drifts left: Press the Right Direction Trim Button.
- Drone drifts right: Press the Left Direction Trim Button.
- Drone spins clockwise (viewing drone from top): Press the Left Spin Trim Button.
- Drone spins counter-clockwise (viewing drone from top): Press the Right Spin Trim Button.

## Step 6 – Operating Drone in Flight

The range distance is approximately 250 feet (76m) or 120 feet (36m) of altitude.

- Read and be aware of all warnings found on Page 1.
- Maintain your desired elevation by using the Throttle.
- Push the Throttle joystick to right or left to spin the drone.
- Use the right joystick to move forward/backwards, and side to side.
- Review step 5 if your drone begins to drift.

Drone will begin to blink when drone is paired to remote and battery is low.

## Step 7 – Landing Drone

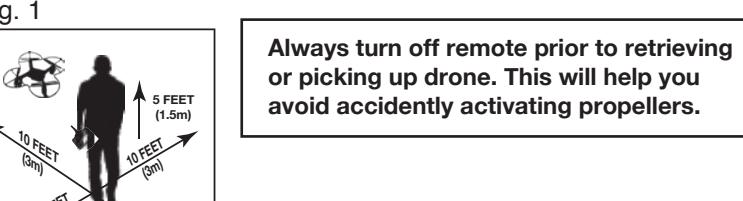
There are two ways to land the drone:

- Slowly and carefully press the left stick (FLIGHT AND ROTATE) down until drone lands.
- Or press TAKE OFF/LAND button to trigger auto landing. If the drone begins to drift, you can still control the drone's direction using the Navigation stick (right stick).

## Step 8 – Lift Off

Press the TAKE OFF/LAND button on the front of the drone to lift off. Drone will elevate off the ground and level off into a hover. You can compensate for some of the drone's drifting by using the Multi Directional Button or by following Step 5.

## Fig. 1



PRACTICE INDOORS BEFORE 1<sup>ST</sup> OUTDOOR FLIGHT.

MAKE SURE TO RESET DRONE AFTER HARD LANDING.

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## VIDEO STREAMING DRONE

## INTRODUCTION

Congratulations on your purchase of the Streaming 2.4 GHz Video Drone. Get ready to soar to new heights. Master the art of drone flying with remote control maneuverability. This lightweight drone will provide hours of fun.

## SPECIFICATIONS

Drone Battery: 650 mAh Li-po  
Remote Controller Battery: 6 x 1.5V AA  
Charging Time: Approximately 100 minutes  
Maximum Recommended Altitude 120 ft (36m).

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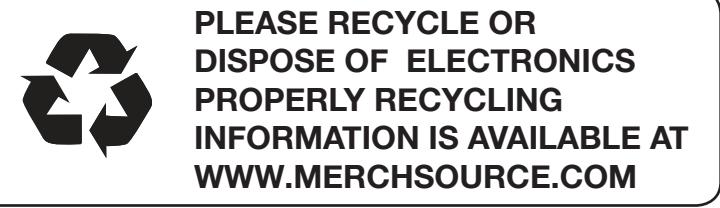
## VIDEO STREAMING DRONE

READ ALL WARNINGS AND PRECAUTIONS BEFORE USE.

## SAFETY WARNINGS:

- Not recommended for children under 14 years of age. As with all electrical products, precaution should be observed during handling and use to reduce the risk of electrical shock.
- Adult supervision is required at all times.
- Before each use, an adult should review the product and battery to determine that no damage or hazards exist.
- DO NOT TOUCH SPINNING PROPELLERS.**
  - Do not allow anything to intentionally make contact in any way with spinning propellers.
  - Prevent contact with spinning blades by turning off remote prior to handling drone.
- Use caution and pay attention to your surroundings while operating drone.**
  - Do not fly drone into animals, people, or inanimate objects.
  - Keep drone away from power lines, buildings, trees, public areas, and any other potentially hazardous areas.
  - Do not operate in rain, heavy wind, and/or any type of severe weather.
  - Do not land drone on wet surfaces.
  - Never touch or allow others to touch drone while it is flying.
  - Always turn drone off when it is not in use.
  - Always fly drone in large open areas.
  - Never fly drone above or near people, sudden changes in wind or other conditions could lead to unexpected crashes.
  - Always use caution when flying drone vehicles, obey relevant laws, respect the privacy and property rights of others.
  - The drone shall never be modified or used for anything except its intended purpose.

Note: Wind above a surface is higher than at ground level.



## Invasion of Privacy Warning

Always be mindful of others privacy and do not record video or take images of others without their consent. Check and comply with your federal, state and local laws regarding privacy.

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## VIDEO STREAMING DRONE

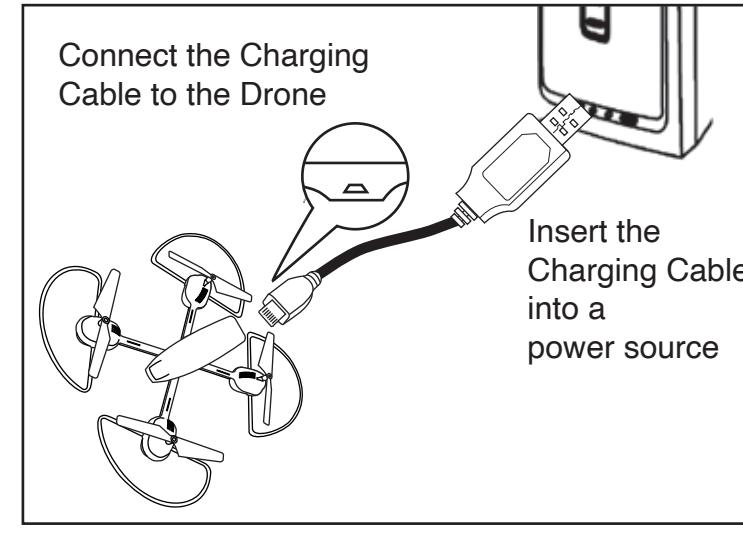
## CHARGING BATTERY

Note: The Battery Charge Cable will light up when it is charging the battery and turn off when the battery is fully charged. Charge time is approximately 100 minutes.

Turn off the drone before charging.

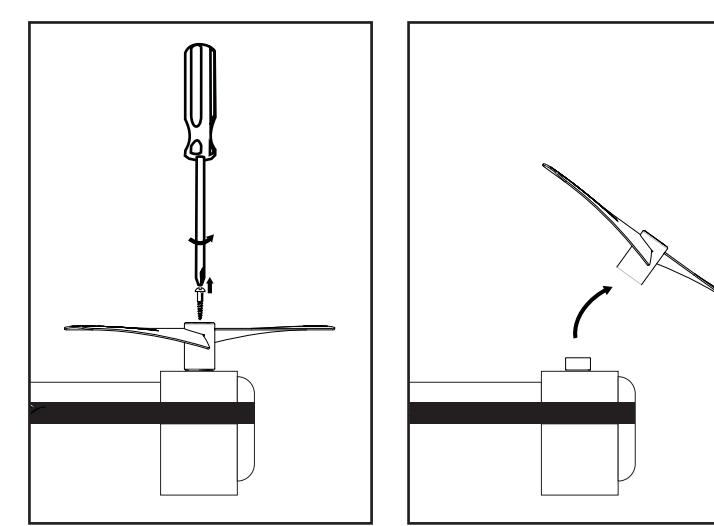
Connect the Battery Charge Cable to the charging port on the Drone.

Connect connector to power source.



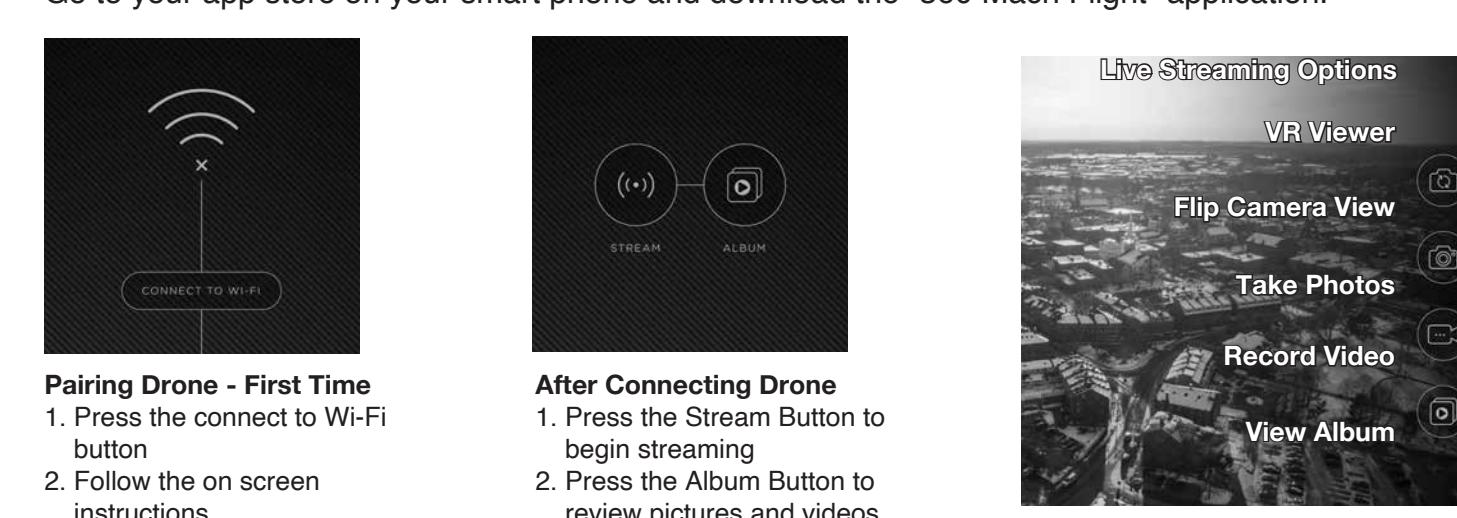
## Replacing Propellers

- Follow diagram
- Remove screw from top of Propeller
- Remove broken Propeller and replace with new Propeller
- Make sure you installed the correct blade. Each blade has a number written on it. Match the blades with the corresponding number on the drone
- Insert screw into top of Propeller



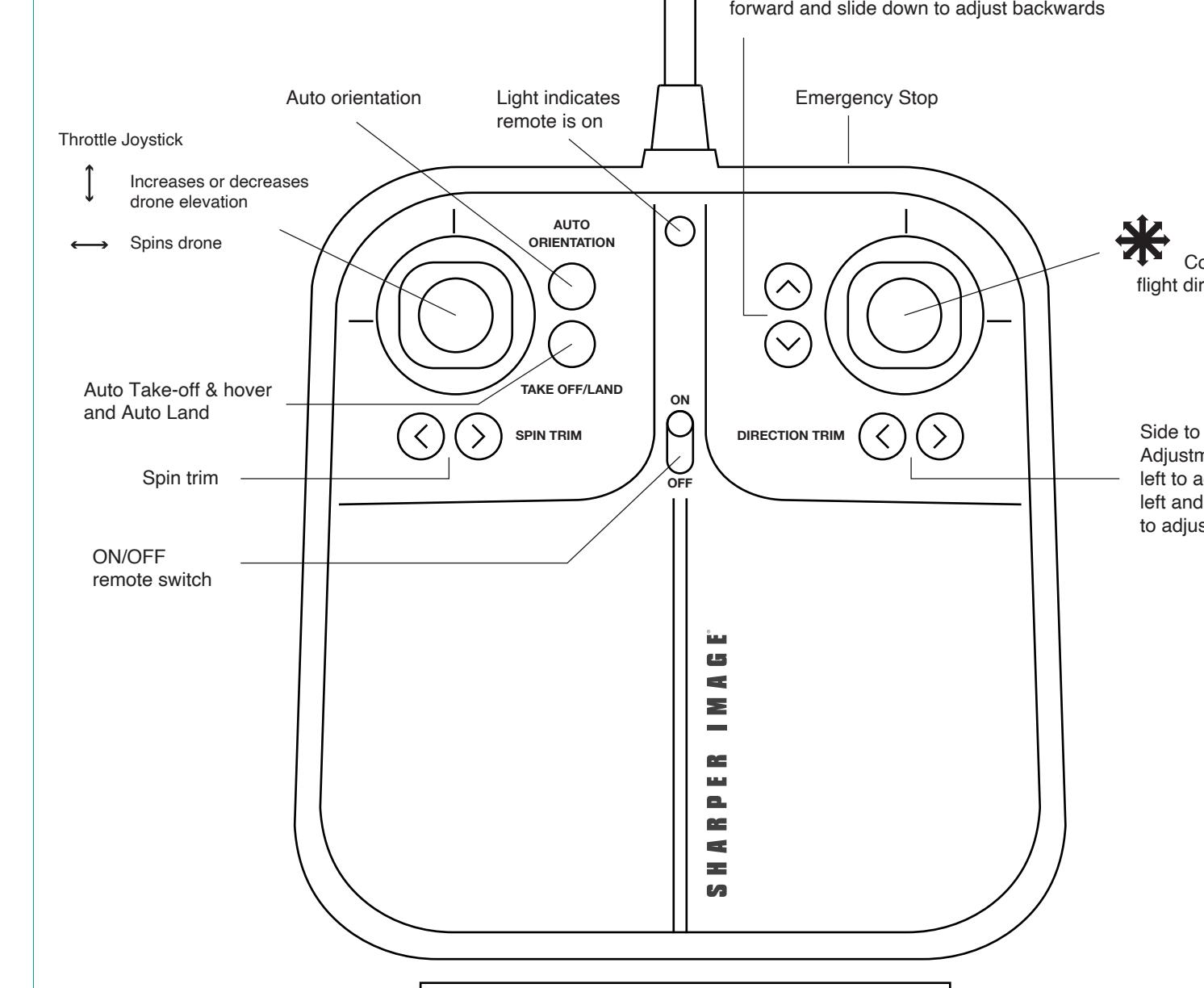
## DRONE APP

Go to your app store on your smart phone and download the "360 Mach Flight" application.



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## VIDEO STREAMING DRONE



NOTE: Hold the STOP button down until the drone lands completely on the ground for an emergency stop

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## VIDEO STREAMING DRONE

## MODES

## Auto Orientation Button

- Auto Orientation default setting is off. To enter this mode press Auto Orientation button. Remote will beep twice.
- After drone is successfully paired, the 2 white LED lights toward the front will be the original forward orientation, when drone is in auto-orientation mode, the drone will orient to the user's remote. To reorient what direction the drone is facing, pushing the right stick will send the direction away from the user, pushing it to the right will move the drone right, etc.
- Remote will beep every 6 seconds to indicate the drone is in Auto Orientation mode.
- To exit mode, press the Auto Orientation button. Remote will sound 1 long beep indicating that it has exited Auto Orientation mode.

Note: Auto Orientation mode is oriented to the user when pairing. If the remote is moved after pairing Auto Orientation, please follow directions above to reset Auto Orientation.

## Camera – taking pictures and creating videos

- Taking a picture: press camera icon on app once to take a picture.
- Creating video: press video icon on app once to take a video. Press the video icon on app again to stop recording.

## TIPS

- Do not crash drone into sand or dirt. Drone gears may become clogged.
- When first learning to fly, practice lifting off and hovering.
- Stay several feet from walls and buildings.
- Never fly drone above or near people, sudden changes in wind or other conditions could lead to unexpected crashes.
- Always use caution when flying drone vehicles, obey relevant laws, respect the privacy and property rights of others.
- The drone shall never be modified or used for anything except its intended purpose.

## TROUBLESHOOTING:

When remote switch is turned on, the remote light does not illuminate:

- Check that batteries in the remote are installed correctly OR
- Replace with new batteries

During drone flight, the remote LED is flashing:

- Remote batteries are low; replace them with new batteries

Drone and remote properly pair, but the drone will not lift off:

- Drone battery needs charging. Use the USB Charge Cable to connect the drone to a power source.

After trimming the drone flight is very unstable and cannot fly properly:

- One or more blades are most likely damaged;
- Turn off the drone and remote.
- Replace with the proper number replacement blade and try flying again.

After the drone is unstable:

- Put the left remote control lever to the left bottom and put the right remote control lever to the right bottom at the same time. This will reset the gyroscope (Fig. 1).
- If the above does not resolve the issue, reboot the drone and controller and pair again.

Remote Controller and Drone can not be paired:

- Check Point: Remote Controller must be closed to Drone, not exceed 12 feet (3.5m).

Note: If there are 2 sets of Drones within 12 feet (3.5m) for Pairing, you must pair one successfully before pairing the second set.

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 of 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