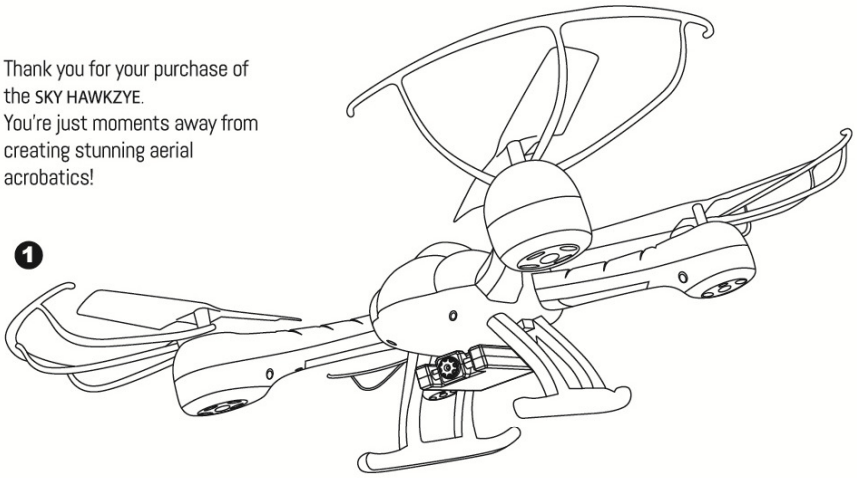
1.6 User Manual

SKY HAWKEYE

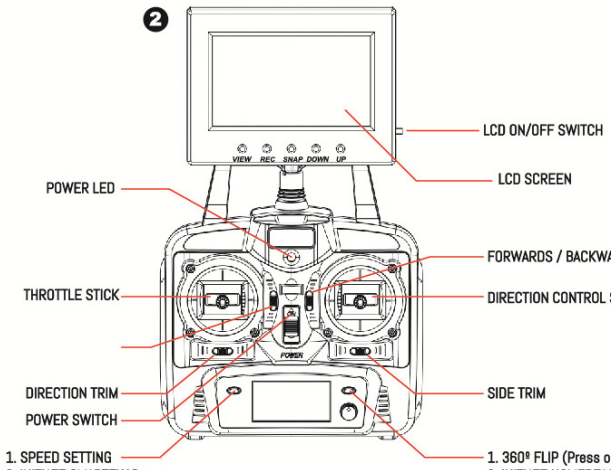
Quadcopter AEROCRAFT

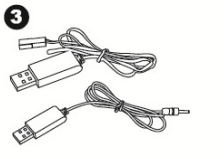
AGES 14+

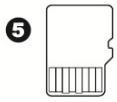
Thank you for your purchase of the SKY HAWKZYE.
You're just moments away from creating stunning aerial acrobatics!



INCLUDED CONTENTS	
1	Sky Hawkeye.
2	Radio Transmitter
3	USB Charging Cables
4	3.7 Rechargeable Lithium Battery
5	Micro SD Card







-1-

SETUP OVERVIEW

STEP 1

Attach the X-Guard propeller defense system.

STEP 2

Install batteries into the radio control transmitter.

STEP 3

Set the Galaxy Seeker and the monitor to charge.

STEP 4

Attach the monitor to the radio control transmitter when charging is complete.

⚠CAUTION

If the Radio Control Transmitter will not be used or stored for extended periods of time, please remove the batteries.

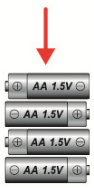
⚠WARNING

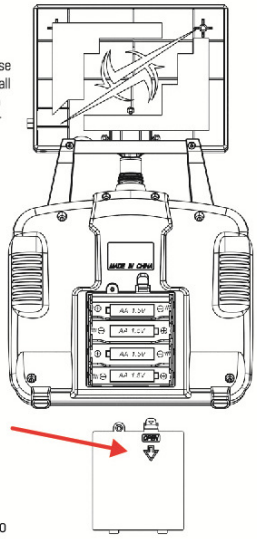
Please check the AA batteries routinely. If the AA batteries are left within the Radio Control Transmitter, potential leakage and/or corrosion may occur which can damage the transmitter and create a fire hazard.

RADIO CONTOL TRANSMITTER • BATTERY INSTALLATION

⚠NOTICE

Please use 4 AA batteries. Use the polarity markings to install in the correct orientation. Do not mix different batteries or battery types.

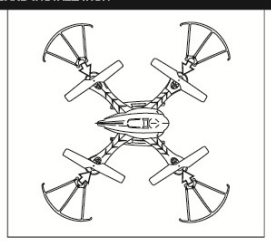


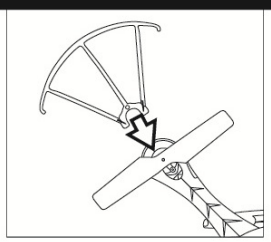


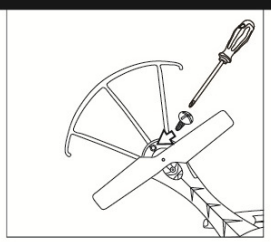
Unscrew the screw holding the battery lid to the body. Then lightly pull the clip down to pull the lid away from the transmitter body.

Insert 4xAA batteries into the battery compartment, making sure to match the polarities. Then replace the lid and firmly tighten the screw to secure the battery compartment.

X-GUARD INSTALLATION

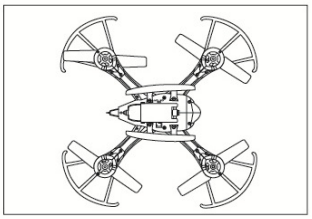


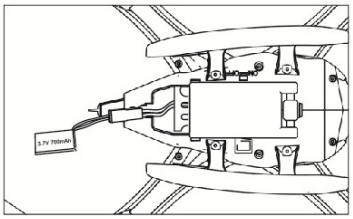




Attack the X-Guards to the end of each rotor using the included small screwdriver. Place the small plastic round tabs into the holes on each rotor arm. Firmly tighten the screws in place, making sure that the X-Guards are facing out and that the center bar of the guard is lined up with the arm of the rotor.

CHARGING THE GALAXY SEEKER BATTERY



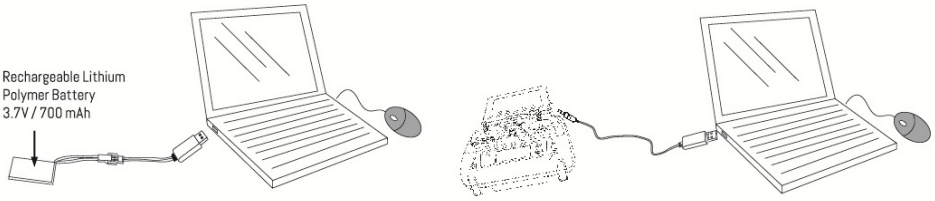


1. Locate the battery underneat the unit. Carefully disconnect the power cable underneath the Galaxy Seeker as shown in the photo. Do not pull the battery by the wires as the wires may break off of the battery housing.

CAUTION: Battery may be hot if being disconnected right after use. If hot, then wait a few minutes to let the battery coll down.

-2-

Connect the battery's power cable to the end of the USB charging cable. Then connect the USB end of the charging cable to a USB port like on a computer. Please note: Not all USB ports provide power. Typically, only ports mounted on a computer and not through a peripheral will provide enough power for charging. After charging the battery, charge the monitor in the same manner using the USB cable for the monitor.



⚠NOTICE

When charging with the included USB cable the LED light will light up red, indicating it is charging. Once charging is complete, the LED light will turn off.

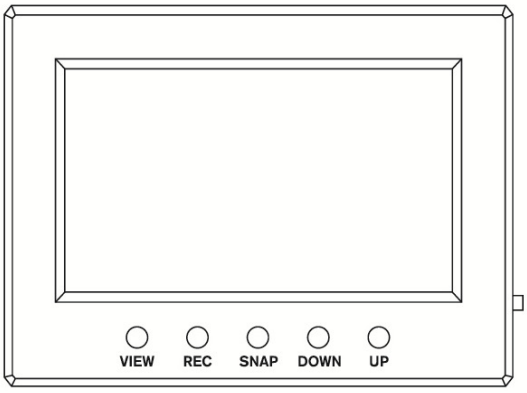
WE RECOMMEND!

The Galaxy Seeker battery comes partially charged and is ready to fly. Skip to Remote Control Battery Installation section and use your Seeker now. Use this charge completely before charging the Galaxy Seeker battery for the first time.

USING THE ONBOARD CAMERA & LCD MONITOR • USE THE MONITOR FOR RECORDING VIDEO & TAKING PICTURES

Step 1: Install MicroSD card by turning the Eclipse over and setting it down on a soft, stable surface.

Step 2: Slide a MicroSD card into the monitor housing until it clicks into place.



LCD Screen Capabilities	
VIEW	View the videos & pictures in memory
REC	Press this button to begin recording
SNAP	Press this button to take a picture
DOWN	Decrease monitor brightness
UP	Increase monitor brightness

Step 3: While powered on and in flight, use the Photo or Video button to take pictures or create thrilling aerial footage.

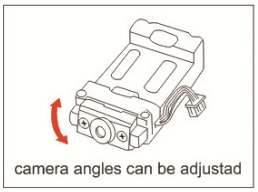
Press REC to begin recording and REC again to stop recording. Note: You must have an SD card installed in order to record.

Press SNAP to take a photo. The Eclipse onboard camera requires a couple of seconds between photos.

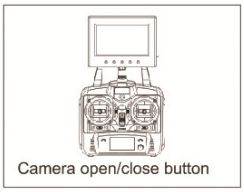
Optimal Video Performance
The Galaxy Seeker's built-in camera will provide live video up to a range of 164 feet (50 meters). Video performance may become erratic after 50 meters.

INTRODUCTION AND USING METHOD OF THE CAMERA

1. The camera included in this model is 300,000 pixels with the resolution 640X480. The camera angles can be adjusted, as the picture shown.

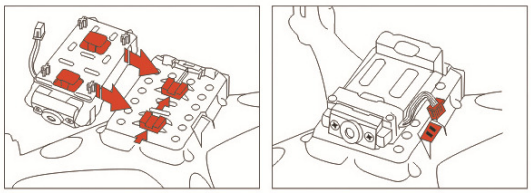


camera angles can be adjustad



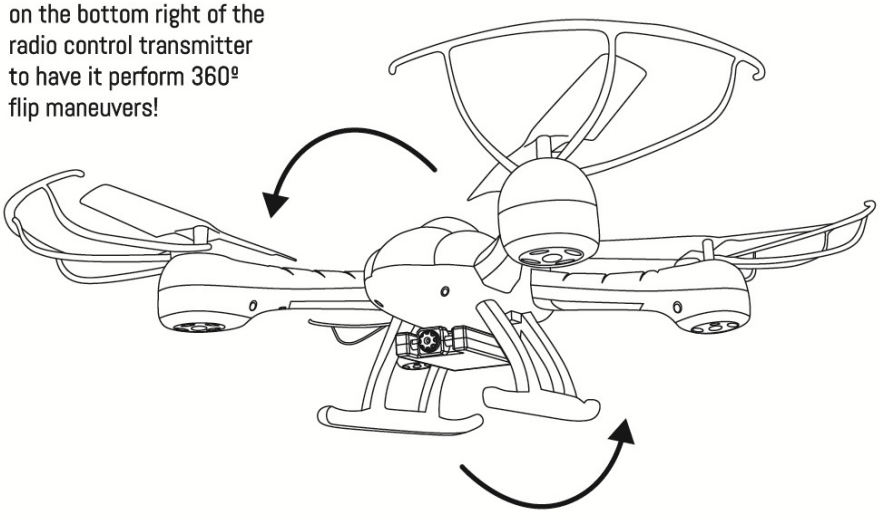
Camera open/close button

2. Assembly and disassembly of the camen, as the picture shown.



360º FLIP

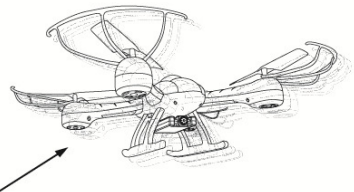
Press the 360 button once on the bottom right of the radio control transmitter to have it perform 360º flip maneuvers!

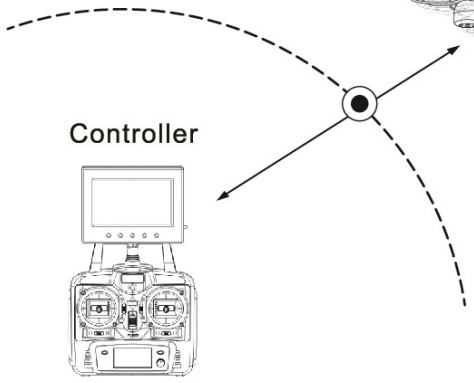


GALAXY SEEKER • ADVANCED FEATURES

HOME BEACON

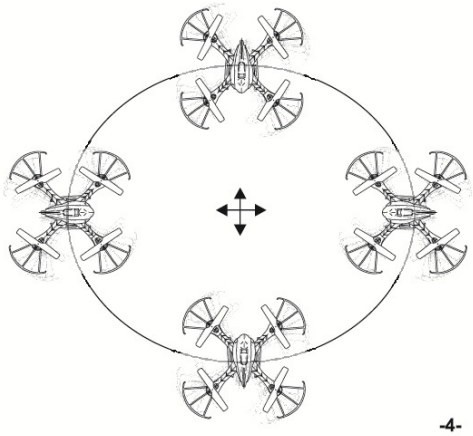
At anytime, press and hold the beacon button for three seconds until you hear three "Ticks". If the unit was headed away from you, when you hear the ticks, the unit will head back in the opposite direction of which it was headed and return to the general vicinity of the radio transmitter.





SMART

SMARTFLY TECH
HEADLESS FLIGHT



By default, the clearly marked cockpit on the unit is considered the front. When flying the unit, your movements with the remote control will work according to the direction of the cocpit. However, this makes the unit very hard to fly at long range as it becomes difficult to tell which direction the cockpit is pointing.

SmartFly is a mode which makes YOU the center of the unit, so the vehicle will respond to directions as if it's facing the way you are facing. Your left, right, up, and down also become that for the Galaxy Seeker.

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TROUBLESHOOTING

PROBLEM	POSSIBLE SOLUTIONS
No power with the transmitter	Check to make sure the power switch is in the ON position. If set to OFF, move to the ON position.
	Check to make sure the batteries are installed correctly. Check to make sure they match the polarity markings.
	If the batteries are installed correctly, they may be exhausted. Replace with new and fresh batteries.
Can not control	If there isn't any accurate control of the vehicle, make sure of the following: • Make sure the radio control transmitter is set to the ON position • Make sure the battery on the vehicle is installed correctly • The vehicle may fly erratically if wind conditions are too strong. Fly the vehicle under calm conditions. • Make sure the radio control transmitter has paired correctly with the vehicle. If not, power down the vehicle and the radio control and start over.
Ascending failure	If the unit fails to go up in altitude or goes up too slowly, try the following: The rotor speed may be too slow to lift the quadcopter sufficiently. Make sure the throttle is being raised sufficiently. If the unit still does not go up or goes up too slowly, the battery of the quadcopter might be too discharged for safe or satisfactory operation. Charge the battery before continuing to fly the unit.
Landing too soon	Landing the unit takes skill and practice. If the unit comes down too fast, it may damage the landing gear and/or the quadcopter. Try to ease the unit down in altitude by slowly lowering the throttle stick till the unit is on the ground.

TRIM ADJUSTMENT ON THE RADIO CONTROL TRANSMITTER

Correct trim adjustment is required for error and erractic-free flying of the quadcopter. The adjustment is simple to do on the radio control transmitter, but it requires some patience. Please follow the instructions precisely. For best results, move the throttle up and raise the quadcopter approximately 2-3 feet (0.5-1 meter) in altitude.

If the quadcopter moves by itself slowly or quickly to the left or right:
Press the trim control for banking incrementally in the opposite direction of movement

If the quadcopter moves by itself slowly or quickly around its own axis:
Press the trim control for rotation incrementally in the opposite direction of movement

If the quadcopter moves by itself slowly or quickly forwards or backwards:
Press the trim control for forwards and backwards flight incrementally in the opposite direction of movement

CARE & MAINTENANCE

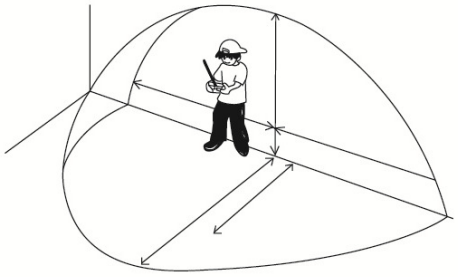
- Do not submerge the unit in any liquids.
- Keep the unit dry.
- Disconnect the unit and monitor from USB power sources when not in use.
- Do not place the unit near powerful, un-shielded magnets.
- Do not expose the unit to extreme hot or cold temperatures.
- Do not hit, drop, or smash the unit with extreme force.
- Do not disassemble the unit for any reason.

NOT FOLLOWING THESE PRECAUTIONS WILL VOID YOUR WARRANTY.

FLYING SAFE • BE AWARE OF YOUR ENVIRONMENT and SURROUNDINGS

Always fly on a sunny, bright day with as little wind as possible. Flying in extreme heat or cold can adversely affect your flying control and response of the vehicle.

After connecting the battery, lay the Galaxy Seeker on the ground. Please wait for approximately 5-7 seconds to allow the digital gyro to electronically stabilize. Push the throttle up and then back down to pair the radio control transmitter to the Galaxy Seeker. The lights will stop blinking and now you are all set to fly.



CAUTIONS & WARNINGS

- Suitable for ages 14 and up. Adult supervision is always recommended.
- This product contains small parts which are a choking hazard. Keep away from small children.
- Keep Quadcopter at least 10 feet away during use.
- Accurately assemble the quadcopter and fly it under the guidelines of this manual. Small parts should be installed by an adult.
- Manufacturers and dealers disclaim all responsibility for damage caused by misuse.
- Keep hands, hair and loose clothing away from rotors when powered on to to prevent damage to the vehicle or serious injury to oneself or others around.
- The quadcopter should never be flown in high winds in excess of 5 MPH or near a pool.
- Never leave the device unattended when being charged.

TECHNICAL SPECFICATIONS & PARAMETERS

Length: 280 mm	Charging Time: Approximately 60 minutes
Width: 280 mm	Flying Time: Approximately above 5 minutes
Height: 100 mm	Radio Control monitor viewing distance limit: approx. 50 meters

PREPARING YOUR UNIT BEFORE FLYING

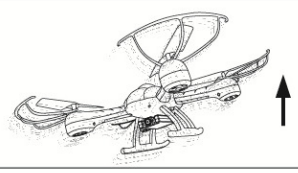
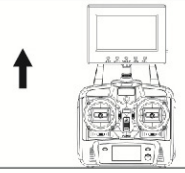
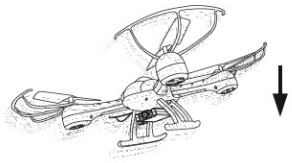
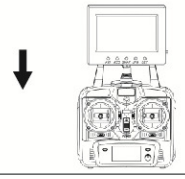
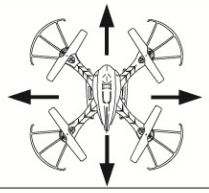
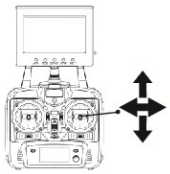
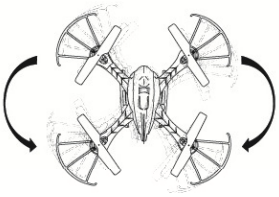
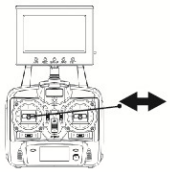
The throttle stick (left stick on the radio control) must be pointing down before the unit and the control are switched on. Move the ON/OFF switch to the ON position and the Power LED on the radio control will begin to blink.

Connect the battery cable to the power connector on the vehicle. The LEDs on the vehicle will now begin to blink. Place the quadcopter on the ground with the tail pointed towards you (the two red propellers are the rear of the vehicle). The quadcopter needs approximately 5 to 7 seconds to initialize and electronically stabilize the gyro. It will also pair with the radio control transmitter at this time. When the LEDs on the vehicle stay green without blinking, the pairing of the radio control and the quadcopter has been established.

⚠NOTICE

Be sure to place the quadcopter on a level surface to ensure a proper and neutral alignment of the gyro.

GOING TO FLIGHT SCHOOL • CONTROLLING THE GALAXY SEEKER UNIT

ASCEND	Ease the throttle (left stick) upwards in order to make the Galaxy Seeker go higher in altitude.	 
DESCEND	Ease the throttle (left stick) downwards in order to make the Galaxy Seeker go lower in altitude.	 
FLYING, DIRECTIONS, & TURNING	Use the right stick, (Directional Stick) to turn left, right, move forward or backward. Normally, the Galaxy Seeker's "front" is the cockpit.	 
	Pressing Right or Left on the Throttle stick will strafe in that direction according to the cockpit. Up moves the Galaxy Seeker forward while Down moves it backwards.	 

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

changes or modifications 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.

MADE IN CHINA