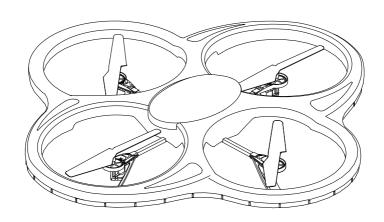
Age:14+

# 6 AXIS GYRO QUADCOPTER NIGHT DRONE

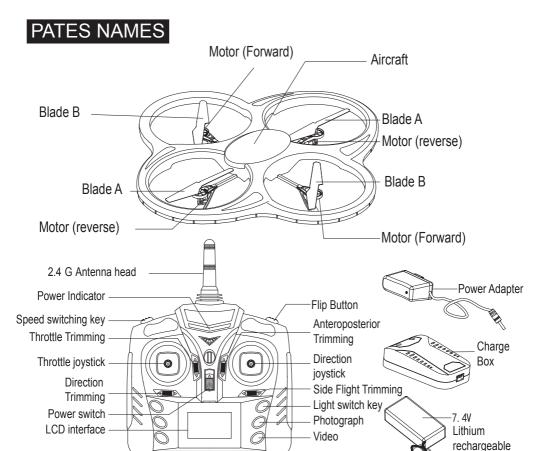






## Cover:

- 1. This 6-axis aircraft uses gyroscope technology, which allows it to fly in small spaces and outdoors during low wind conditions.
- 2. With a frequency of 2.4 GHz, the Night Drone reaches up to a 50 meter radius of the remote.
- 3. Please read the directions carefully to ensure your safety while using this product.



### **BATTERY INSTALLATION**

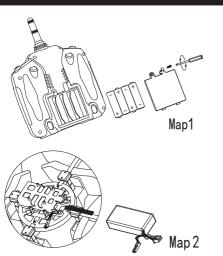


Figure 1, remove the remote control battery cover, and install 4 "AA" batteries (buy separately) correctly, according to the battery polarity of the battery box, install the battery cover and screw down the screw (optional).

battery

#### /!\Note:

- 1. Looking for the anode and the cathode of the battery and the battery box when stalling batteries. Do not stall backward.
- 2. Do not mix the old and new batteries or different types of batteries.

Figure 2, Invert the aircraft, connect the battery plug and the power plug correctly and put into the battery box.

## Note:

Making sure the anode and the cathode of the battery and the red line should be matched to the red line when installing the batteries.

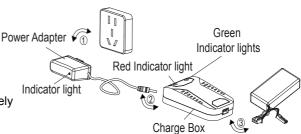
#### **BATTERY CHARGING INSTRUCTIONS**

- 1. Plug the power adapter into an electrical outlet. The green indicator light will turn on.
- 2. Plug the other end of the power adaptor into the charge box. The red light on the charge box will turn on.
- 3. Insert the white battery plug into the other end of the charge box and the green light will turn on.

Your battery will need to charge for approximately 2 hours. The green light will automatically turn off when charging is complete.

Disconnect all plugs. Each fully

Disconnect all plugs. Each fully charged battery will last approximately 6 to 7 minutes.



#### **About the Lithium Battery**

- •Improper use of this battery may cause injury or death.
- •In the case that the battery leaks, avoid touching the fluid. Avoid contact to skin and eyes. If the fluid comes into contact with eye(s), flush with water and see a doctor immediately.
- •Unplug the power if you notice an unusual smell, noise or smoke.
- •Follow these instructions to avoid fire, electrical shock, explosions and /or (but not limited to) bodily harm.

#### Charging

- •Battery should only be charged by the original charger set. Do not use with a broken charger set, or one of a different model.
- Do not use a broken/leaking battery.
- •Do not keep battery plugged in when charge is full.
- •Do not charge on, or near, flammable surfaces (ex. carpet, wood floors, wooden furniture, etc) as well as electrically conductive items.
- •Do not charge when battery is still hot after use.
- •The temperature, while in use, should be 0 degree Celsius to 40 degrees Celsius.

#### Usage and Storage

- •Do not wrap the broken battery with plastic.
- •Do not connect or remove battery when the product is on.
- Do not impact the battery.
- •Do not use a battery that is bulging, leaking, broken or smells strange.
- •Do not allow children to touch the battery.
- •Keep the battery a safe distance from fire or heat source.
- •Do not expose the battery to liquid, including rain.
- •Keep the battery away from humidity.
- •Do not put the battery into a microwave, any type of oven or pressure device.

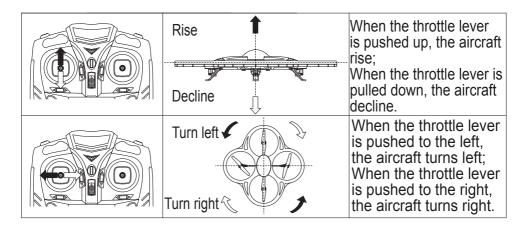
- •Do not dismantle, drill or cut the battery.
- •Do not put weight on the battery or charger.
- •Do not beat the battery.
- •Do not clean the battery with solvent, industrial alcohol or any flammable fluid.
- •Avoid touching the electrolyte of the battery directly, preventing a short circuit. This is harmful to your health.
- •Store the battery at room temperature. Do not place in extreme temperatures.
- •Remove battery when product is not in use.
- •Unplug the charger when battery is finished charging. Recycle
- •Do not dispose of in trash. The battery should be recycled at specialty recycling locations for batteries and electronics.
- •This battery is composed of lithium and electronic components.

## **Programming Remote to Aircraft**

- 1. Connect the red plug from the battery to the red plug on the aircraft. The lights will flash quickly. Place on flat surface.
- 2. On remote, pull throttle joystick down. Turn the power on. The lights will blink slowly. Move the throttle joystick up, and then down. The lights will then stop blinking and stay on. It will beep. You have successfully programmed your aircraft!

## **Standard Flight Control**

- 1. Tuck the white plug connected to the battery to prevent damage.
- 2. Place the aircraft in an open area and stand 3 meters behind.

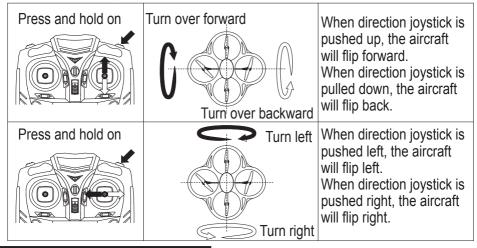


Forward Backward	When direction joystick is pushed up, the aircraft will move forward. When direction joystick is pulled down, the aircraft will draw back.
Fly to Left side Right side	When direction joystick is pushed left, the aircraft will move left. When direction joystick is pushed right, the aircraft will move right.

## Flip Instructions

Apart from basic controls, the aircraft can do some breathtaking flips in the air.

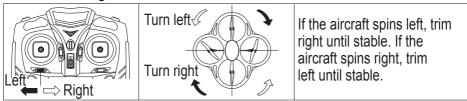
- 1. Fly the aircraft up to 3 meters.
- 2. While holding down the "Flip" button, push the direction joystick in the direction in which you would like to flip.

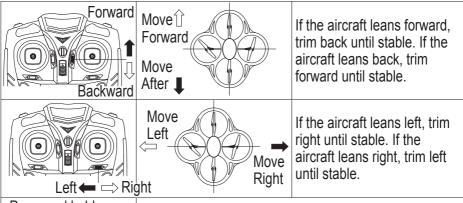


## **Trimming Instructions**

Push the throttle joystick up slowly. The aircraft should rise. If it spins in the air or tend to a different direction, you can adjust it by "trimming".

Note: When the aircraft is 30 cm off the ground, it will be unstable. This is influenced by its blade vortex, which is called "effect reaction". The lighter the aircraft, the greater the influence will be.







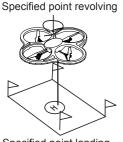
If the aircraft cannot rise vertically, you can adjust it by holding down the "Flip" button and simultaneously push both joysticks down to the lower left. The lights will flash quickly and release all prior alterations. When the lights stop flashing, the adjustment is complete.

## Flying Environment

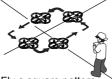
- 1.Indoor Flying:Fly in a spacious environment without barriers, pets or people.
- 2. Outdoor Flying: Fly in an open area with minimal wind. Note:
- •Do not fly in extreme weather. Flying in too hot or too cold weather conditions will influence the flying or damage the product.
- •Do not fly in strong wind. Doing so will limit your flight control over your aircraft. This may cause you to lose or damage the aircraft.

## Flying Practice

Try the following exercises to better your skills.



Specified point landing



Fly a square pattern.



Finish cross action.

After doing basic practices of specified point taking off, landing, revolving, etc, you can try flying a square pattern and cross pattern.

#### **Photo/Video Instructions**

- Only insert and remove SD card when aircraft is off.
- Insert SD card into aircraft's SD card slot, as shown in figure.
   Press to insert, and press again to release the SD card and remove.
- •When aircraft is turned on, the blue light on the bottom of the camera will turn on. If there are flashes of red light, there is either no SD card inserted into the camera or it is not inserted correctly.

Cable slot

Data

Camera

SD card

SD card slot Indicator

•SD card may be viewed on a cell phone, or inserted into the provided flash drive and viewed on the computer.



To take a picture, press the "photo" button. The light on the camera will flash red, indicating a picture has been taken and saved onto the SD card.

#### Video:

To record, press the "video" button. The red light will stay on, indicating that recording is in progress. Press the "video" button again to stop recording.

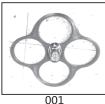
#### **SOLVING PROBLEMS**

PROBLEM	REASONS	METHODS
control	1: Remote control and/or aircraft are low on battery.	Change to well charged batteries.
	2: Remote is not programmed to your aircraft	Program the remote to your aircraft.
Aircraft shaking violently	1: Rotor wing is not working properly.	Replace broken rotor.
	2: Hollow axle is curved.	Replace hollow axle.
Aircraft leaning to one side when taking off	1: Rotor wing is not working properly.	Replace rotor wing.
	2: One motor is damaged.	Replace damaged motor.
	3: Aircraft was not on a flat surface when programmed to remote.	Reprogram aircraft to remote.
Out of control	Aircraft is out of effective controlling distance.	Keep the aircraft within a 30 meter radius.
	2: Multiple Aircrafts were turned on at the time you had programmed the remote.	Program the remote to your aircraft again. Note: When controlling more than one aircrafts simultaneously, the remotes should be programmed to their aircrafts individually. Doing so will avoid the danger caused by unsuccessful or accidental programming.
Aircraft can't rise	1: Rotor wings rotate too slow.	Push throttle joystick up more quickly.
	2: Aircraft's battery is low.	Replace with fully charged battery or fully charge existing battery.
Landing too quickly	Throttle joystick was pulled back too fast.	Pull the throttle joystick back slowly when declining aircraft.

## Note:

- When the remote or the aircraft is low on battery, the controlling distance will be influenced.
   When aircraft is low on battery, the height of the flight will be limited or it will have difficulty rising.
- 3. If the aircraft is damaged, repair responsibly. Flying a broken aircraft may cause harmful accidents.
- 4. Remove battery from the remote if you do not plan on using it for a long period of time. This will prevent damage from battery leakage.
- 5. Crashing or colliding the aircraft is forbidden. It will damage and/or shorten the life of the aircraft.
- 6. If the aircraft collide and drops, leave it on the ground for 2 seconds. The aircraft will detect the level automatically and you may operate again.

### INGS:



Face-piece module



002 Light bar module



003 Body frame



004 Battery box



Fan blade module (A. B)



006 Cone \* 4



007 Electrical machine module



Settled copper bush\*4



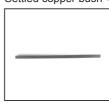
009 Hollow shaft \* 4



Bearings (Ф6 \* Ф3 \* 2) \* 2



011 Motor cabinet\* 2



012 Carbon fiber pipe\*2



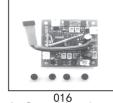
013 Electrical machine cover\*4



Snap joints part+ fastening part



015 7.4V lithium rechargeable battery



2.4G receiving plate + rubber sleeve



017 Charge Box



018 Charging Adapter - 8 -



019 SD card + card reader



020 Camera Modules