



CRAIG®

INTERCEPTOR WITH WHEELS

Capture incredible aerial photos and videos!

Owner's Manual

PLEASE READ BEFORE OPERATING THIS EQUIPMENT.

Model: CRT712

FCC INFORMATION:

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 residential 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 the circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC WARNING:

The equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. Modifications not authorized by the manufacturer may void user's authority to operate this device.

GENERAL WARNINGS:

1. Important Instructions:

- This product is suitable for 14 years old and above. Please read the instruction manual before you play with this product.
- 2. **Make sure the unit always within the Radio Frequency control range. Otherwise, the unit will out of control and may crash.**

3. Safety Instructions:

● Keep away from the objects and crowds.

➤ The unit is flying at high speed; keep it away from crowds, buildings, high voltage wires, etc.

➤ Do not operate this unit in bad weather.

● Keep away from water and rain.

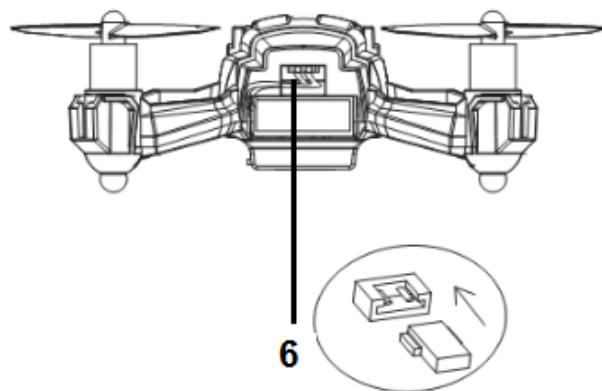
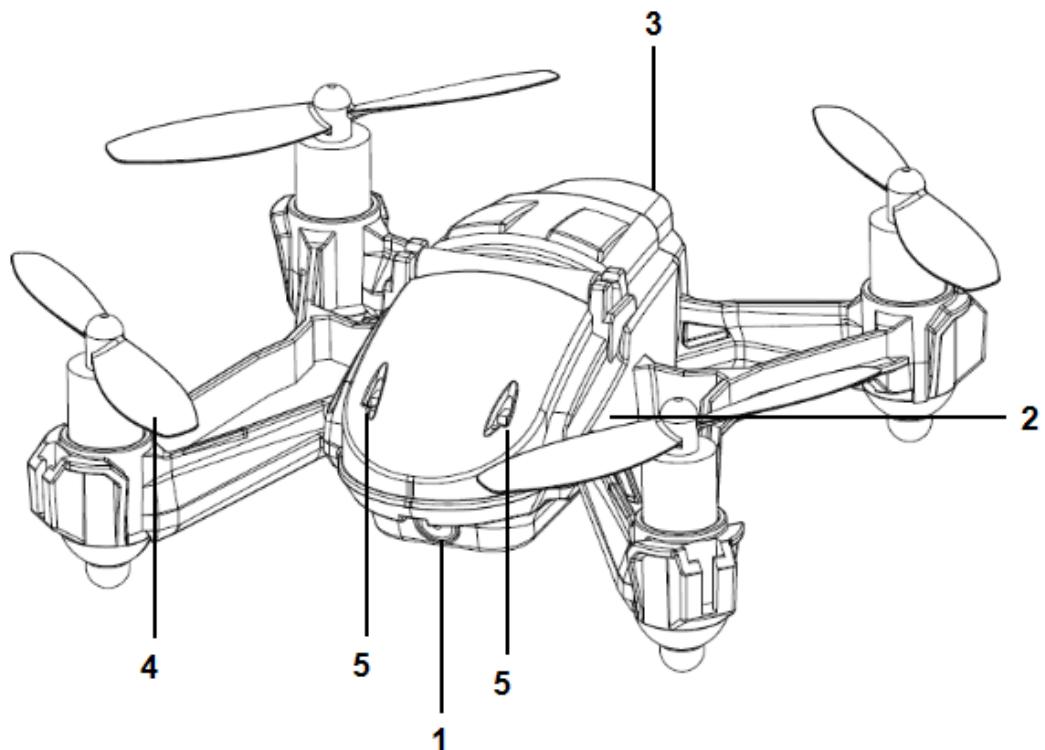
The unit has electronic and mechanical parts which may be damaged by water.

● Keep away from the working unit.

The blades are turning in high speed, always keep away from it.

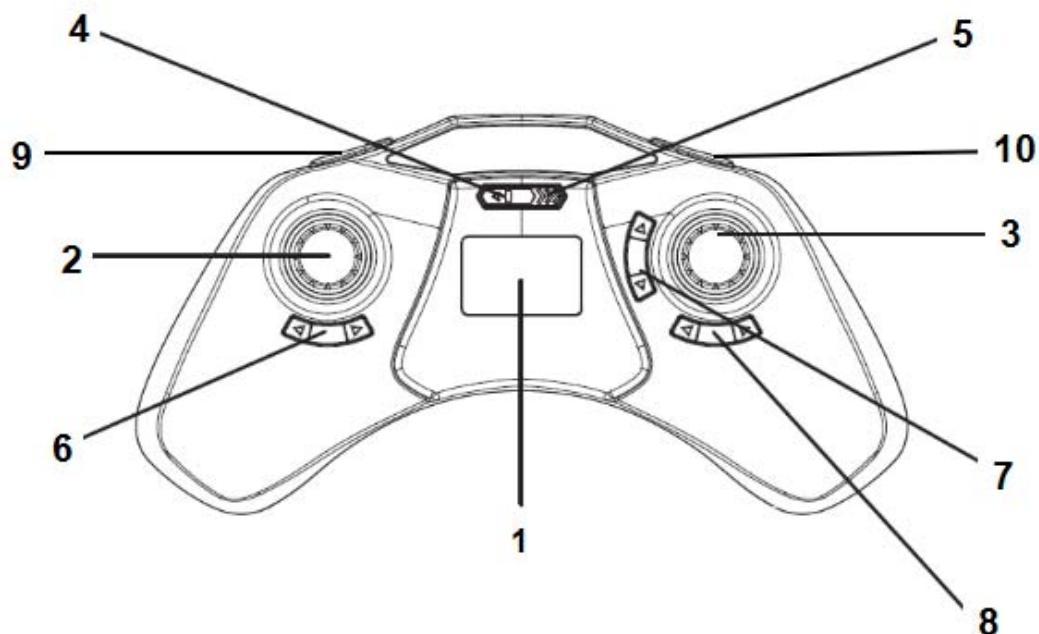
LOCATION OF CONTROLS:

Main Unit:



1. Camera
2. Micro SD Card Slot
3. Built-in Battery
4. Blades
5. Decorative LED Lights
6. DC IN Jack

Remote Control:



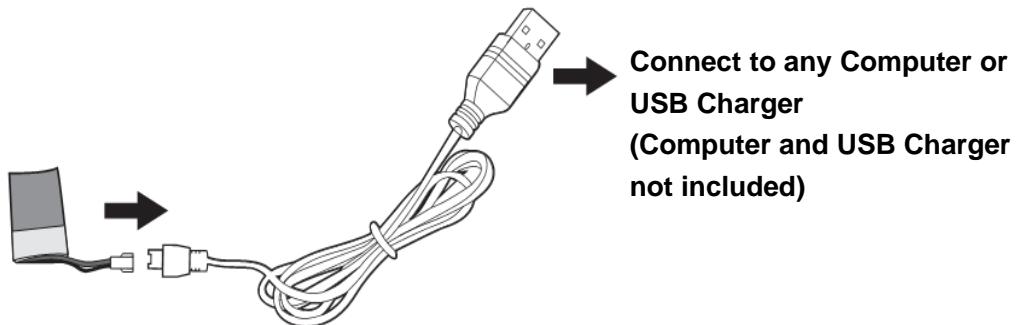
1. LCD Display
2. Left Joystick
3. Right Joystick
4. Power On/Off Switch
5. Power On Indicator
6. Rudder Trimmer
7. Forward/Backward Trimmer
8. Left and Right Trimmer
9. Video Recording Button
10. Photo Capture/Ground Mode Button

PREPARATIONS:

Recharging the built-in battery in the unit.

The unit has a built-in DC 3.7V Li-ion rechargeable battery, recharge it before first time use or when it is consumed as follow:

1. Connected the small plug from the supplied USB Charging Cable to the battery on the unit.
2. Connected the full size USB Plug from the supplied USB Charging Cable to a Computer or any USB Charger having DC 5V output as the figure below:



3. During charging, the Charging Indicator in the full size USB Plug of the supplied USB Charging Cable will illuminate . When finished charging, it will turned off .

Notes: Your battery will last longer if you follow these simple guidelines for charging for and storing.

- A. For normal charging, it need approx. 70 minutes.
- B. Recharge and store the device within the temperature range of 5°C~35°C (40°F~95°F).
- C. Do not overcharge (longer than 24 hours). Excessive charging or discharging may shorten the battery's life.
- D. Battery life naturally shortens slowly over time.

Install or replace the batteries of Remote Control:

The Remote Control is using four (4) AAA size batteries (Not included), install or replace when it is consumed as below:

1. Open the battery door by slide it off as the Fig. 1 below:
2. Install four (4) AAA size batteries into the battery compartment as the polarity markings inside. (For longest playing time, Alkaline batteries are recommended.)
3. Close the battery door as the Fig. 2 below:

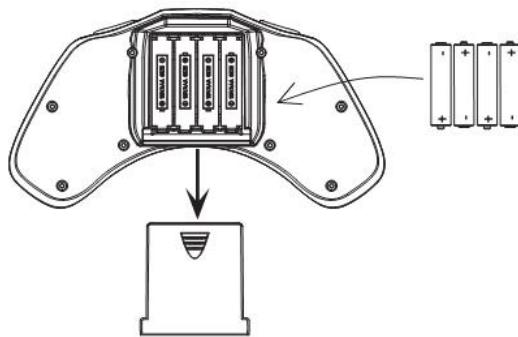


Fig. 1

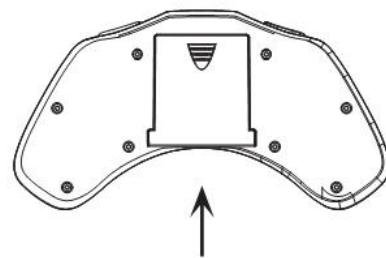


Fig. 2

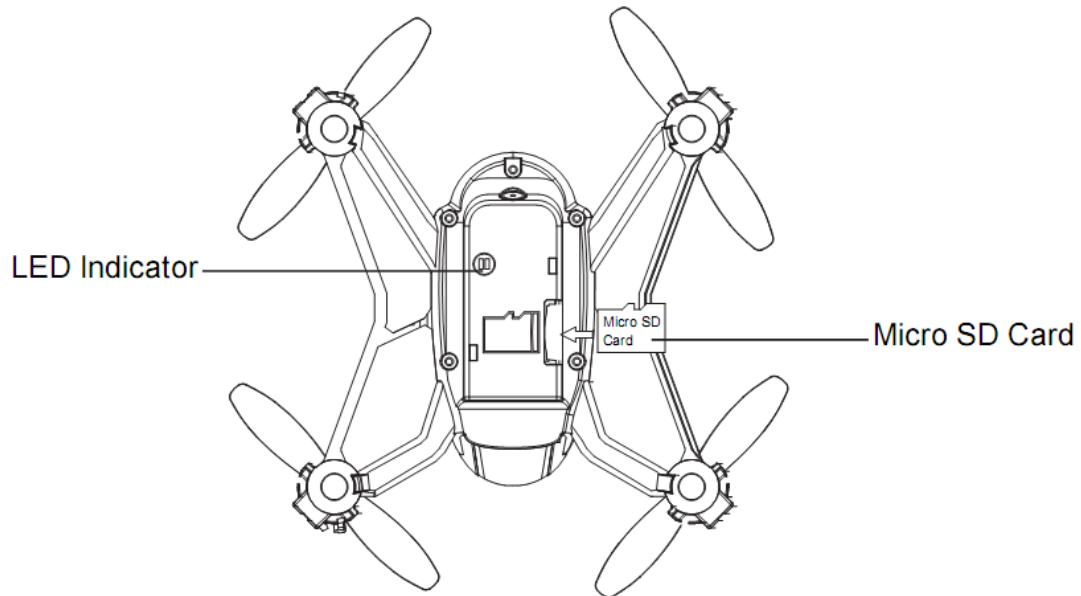
BATTERY PRECAUTIONS:

Follow these precautions when using a battery in this device:

1. Using only the size and type of battery specified.
2. Be sure to follow the correct polarity when installing the battery as indicated in the battery compartment. A reversed battery may cause damage to device.
3. Do not mix different types of batteries together (e.g. Carbon-zinc, Alkaline) or old batteries with fresh ones.
4. If the batteries in the device are consumed or the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
5. Do not try to recharge the battery after fully charged, it can overheat and rupture. (Follow battery manufacturer's instructions.)
6. Do not dispose of battery in fire. Battery may explode or leak.
7. Clean the battery contacts and also those of the device prior to battery installation.

Micro SD Card Installation:

The unit is support to take photos/videos then record in a Micro SD Card (not supplied). Insert a Micro SD Card into the Micro SD Card Slot with contact fingers face to blades side as the figures follow:



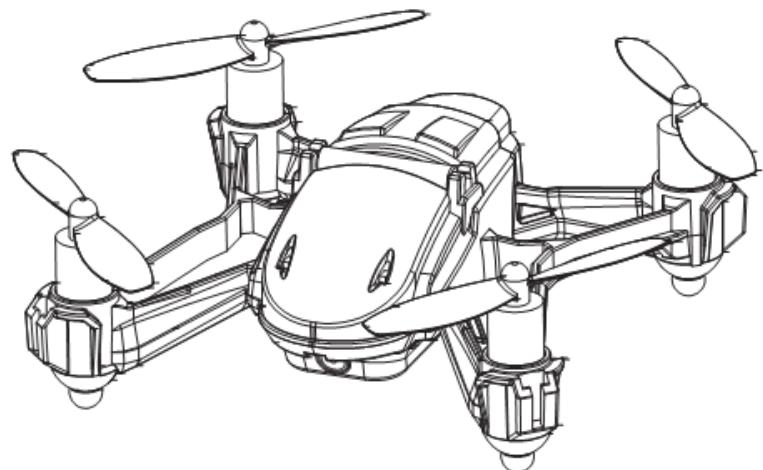
Notes:

- A. Insert the class 4 (or up) Micro SD Card (Up to 32GB) into the Micro SD Card Slot with contact fingers face to blades side as the marking on the unit. When inserting the storage card, make sure the direction you selected is correct. Never insert violently to avoid damaging the card or the unit. If it doesn't work, please check if the direction is correct.
- B. To take out the card, press the card until a "Click" sound is heard then pull out the card.
- C. Before insert or replace the storage card, make sure the unit is in powered off mode (The built-in battery had not connection)
- D. When the card is first time use, or it has been used in other device. Format it through the computer.
(Important: After format, all record in the memory card will be erased. Upload the record to any computer before format.)

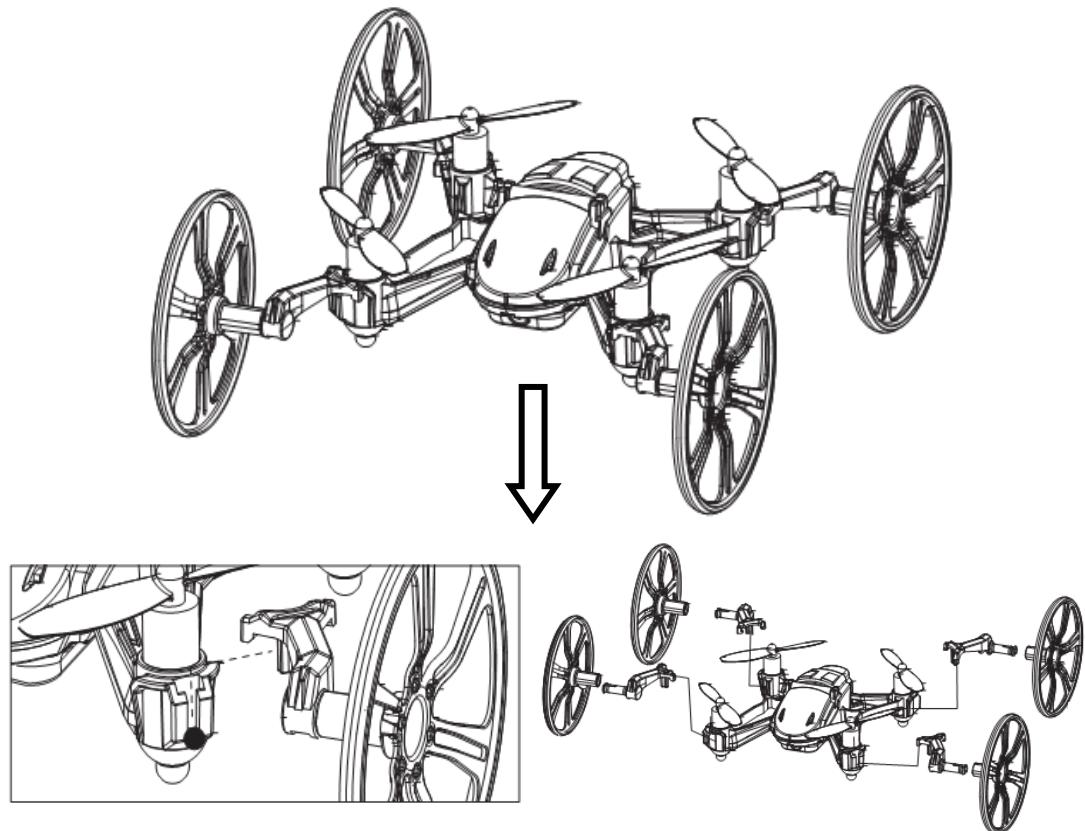
COMBINATIONS:

Assembly the unit to the desired mode with the supplied parts as follows:

Mode A (Original Helicopter mode)



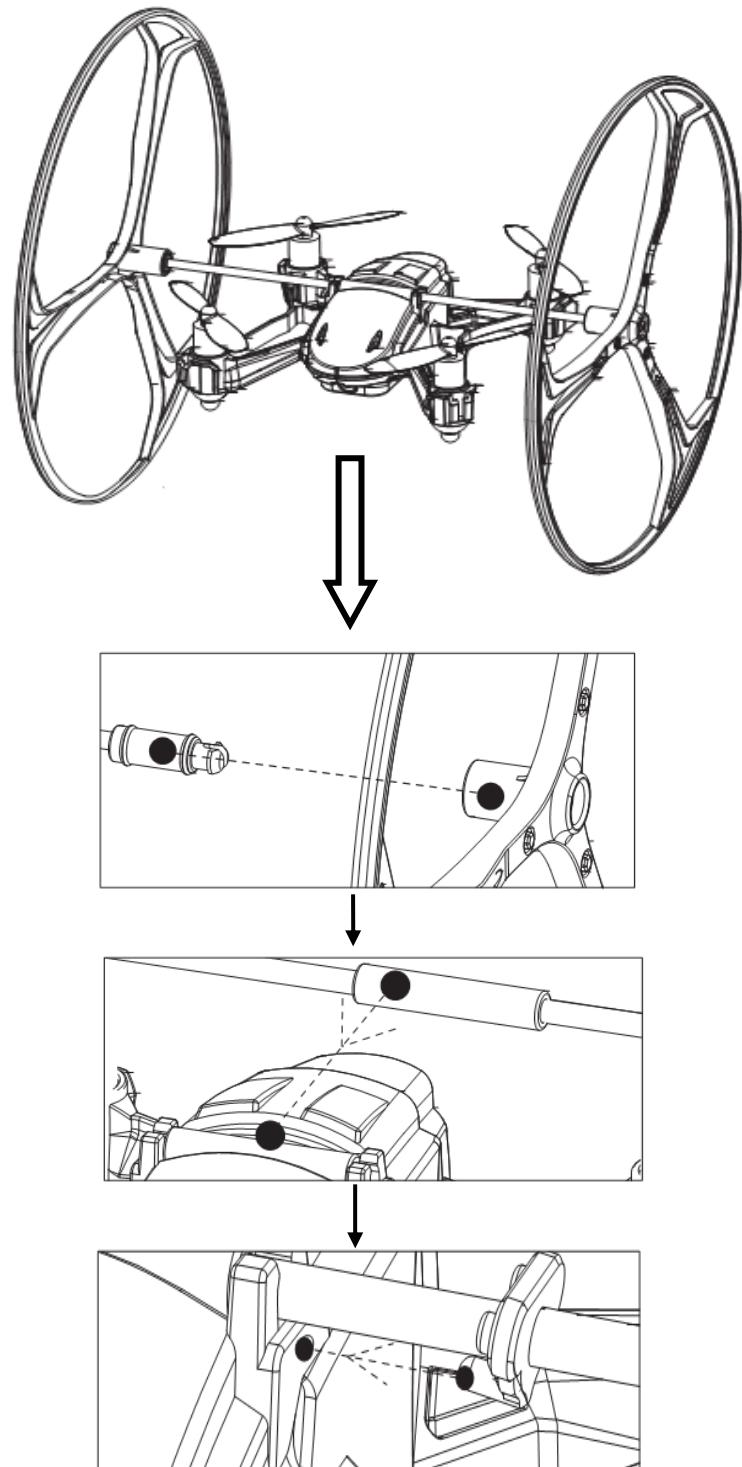
Mode B (Car mode with small wheels)



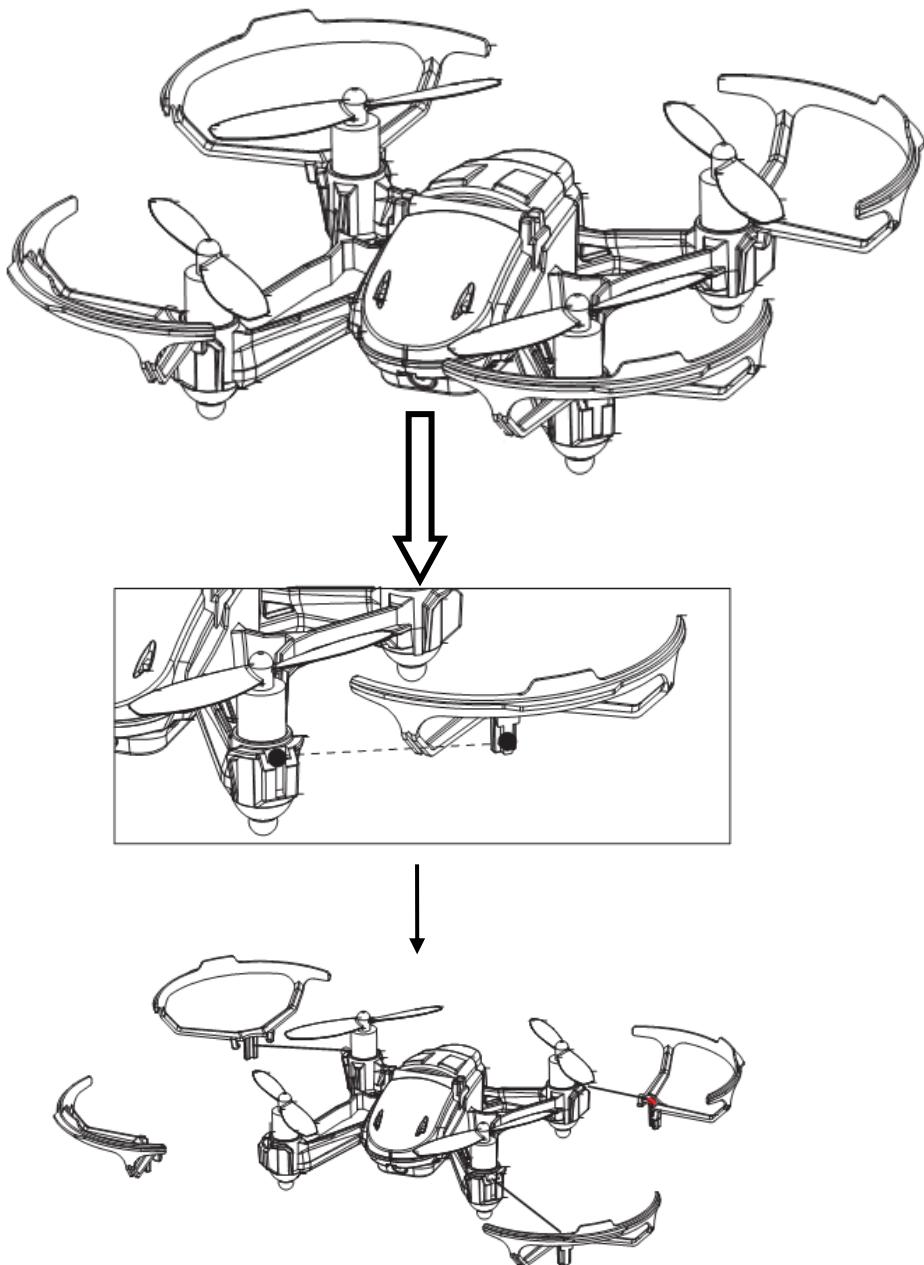
NOTE:

Make sure the direction of the wheels is same as the figures above. Otherwise, the motion of the unit incorrect.

Mode C (Car mode with big wheels)



Mode D (Helicopter mode with blade protector)

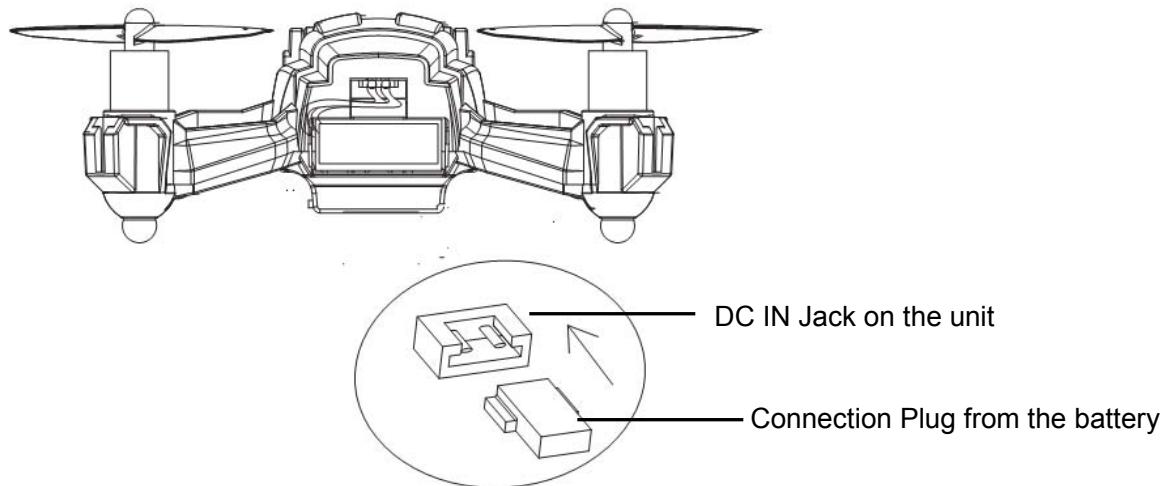


NOTE:

For safety, we are strongly recommend you that you should always install the Protector on the unit in Helicopter operation mode.

OPERATIONS:

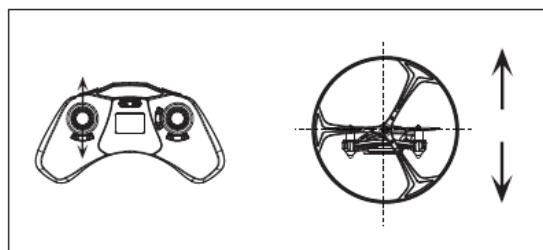
1. Assembled the unit to the desired mode as previous procedures.
2. Insert the Micro SD Card to the unit as previous procedures.
3. Recharge the built-in battery as previous procedures.
4. Connect the connection plug from the built-in battery to the DC IN Jack on the unit as the figure below. The Decorative Lights on the unit will illuminate and the Blue Decorative Lights on the top of unit will blink.



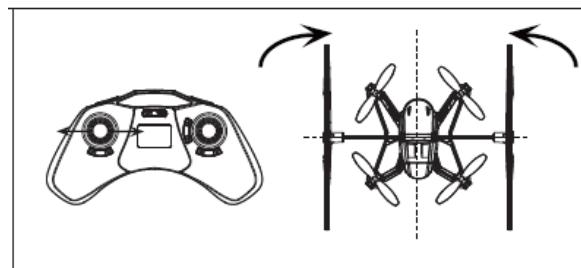
5. Place the unit on a horizontal place.
6. Install the batteries into the Remote Control as the previous procedures. Slide the Power On/Off Switch to right to power on the Remote Control. The Power On Indicator will illuminate and blink.
7. Push the Left Joystick upward and then push it downward immediately to pairing the Remote Control to the unit. The Power On Indicator on the Remote Control and the Blue Decorative Lights on the top of unit will stop blinking. Then:

In Helicopter (Flying) Mode:

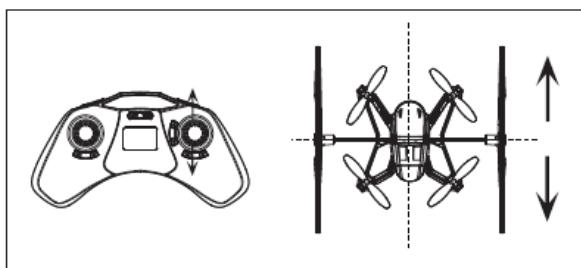
1. Assembled the unit with the supplied parts to Helicopter Mode (Mode D).
2. Paired the unit to the Remote Control. Then:
 - Push the Left Joystick upward to rising.
 - Push the Left Joystick downward to reduce the height or landing.



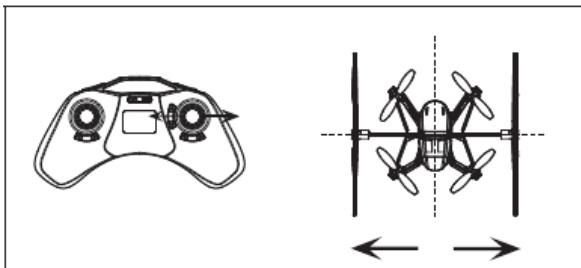
- Push the Left Joystick to left to turns the unit counterclockwise.
- Push the Left Joystick to right to turns the unit clockwise.



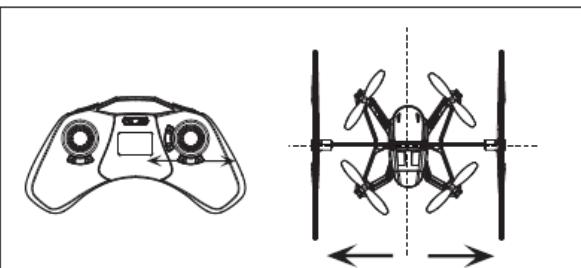
- Push the Right Joystick upward to fly to forward.
- Push the Right Joystick downward to fly to backward.



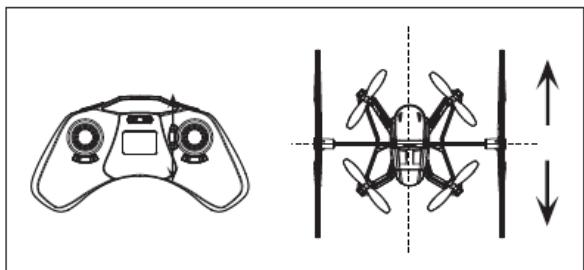
- Push the Right Joystick to left to fly to left.
- Push the Right Joystick to right to fly to right.



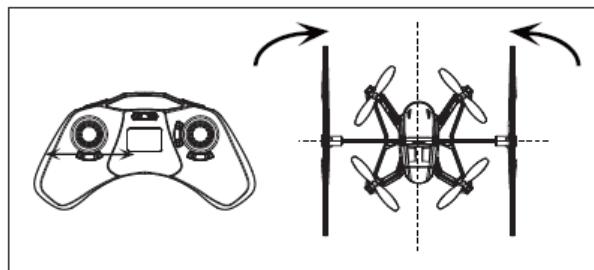
- Press the Left/Right Trimmer repeatedly to fine tune the Joystick's control of Left/Right.



- Press the Forward/Backward Trimmer Up/Down repeatedly to fine tune the Joystick's control of Forward/Backward.



- Press the Rudder Left/Right Trimmer repeatedly to fine tune the Joystick's controls of rudder.



- Press the video recording button to start video recording, the "REC" icon will appear on the Remote Control's LCD display. Press again to stop recording, the "REC" icon will disappear on the display.
- Press the Photo Capture/Ground Mode Button once to take a picture.

3. To power off the unit, push the Left Joystick to downward. Wait until the blades stop turning. Disconnect the plug from battery to DC IN Jack on the unit.
4. To power off the Remote Control, slide the Power On/Off Switch to left. The Power On Indicator will not light.

In Car (Grounding) Mode:

1. Assembled the unit with the supplied parts to Car Mode (Mode C or D).
2. Paired the unit to the Remote Control, press and hold the Photo Capture/Ground Mode Button approx. 2 seconds to turns the Remote Control to Car (Grounding) control mode. Then:
 - Push the Left Joystick upward to start and increase the speed.
 - Push the Left Joystick downward to reduce the speed and/or stop.
 - Push the Right Joystick upward to forward.
 - Push the Right Joystick downward to backward.
 - Push the Right Joystick to left to turns to left.
 - Push the Right Joystick to right to turns to right.
 - Press the Left/Right Trimmer repeatedly to fine tunes the Joystick's control of Left/Right.

- Press the Forward/Backward Trimmer repeatedly to fine tune the Joystick's control of Forward/Backward.

3. To power off the unit, push the Left Joystick to downward. Wait until the blades stop turning. Disconnect the plug from battery to DC IN Jack on the unit.
4. To power off the Remote Control, slide the Power On/Off Switch to left. The Power On Indicator will not light.

Replacement of Blades:

When the blade was damaged or deformed, replace it by the supplied same color spare blade. Otherwise, the motion of unit will become abnormal.

For example, used the supplied white blade to replace the damaged/deformed white blade in same location.

TROUBLE SHOOTING:

SYMPTOM:	POSSIBLE CAUSE	POSSIBLE SOULTION
Remote Control not functioning	The batteries consume.	Replace by new batteries.
	Batteries wrong installed.	Reinstall the batteries as the polarity marking inside the battery compartment.
The unit not workable	The built-in battery had not connected to the unit.	Connect the built-in battery to the unit as the "OPERATION" section point 4 on page 10.
	The built-in battery consumes.	Recharge the built-in battery as the "PREPARATION" section on page 4.
	The unit had not paired to the Remote Control.	Pair the unit to the Remote Control as "OPERATION" section point 5-7 on page 10.
The blade still running after landing	The unit had not shut off,	Push the Left Joystick to downward. Wait until the blade stop turning. Unplug the battery from the unit by disconnect the plug from battery to DC IN Jack on the unit.

Control abnormal or motion unstable	One (or more than one) blade deformed or damaged.	Check and replace the deformed/damaged blade(s) by new one.
The unit can not moving straightly or auto turning		Adjust the motion by: Speed trimmer; Direction Trimmer and/or Forward/Backward Trimmer.

General Specification:

Power Source:

Unit:.....Built-in DC=3.7V, 450mAh (1.665WH) Li-ion rechargeable battery. Recharge by DC=5V from any Computer or USB Charger with the supplier USB Charging Cable (Computer and USB Charger not included).

Remote Control:.....DC=6V, 4 x AAA Size Batteries (Not Included).

Effective range of Radio Control:.....Up to 100 feet in open area

Radio Frequency:.....2.4GHz

Sensor of Camera:.....300k Pixels

Capture Modes:

Photo: 640 x 480 pixels in JPEG

Video: 640 x 480 pixels, 30 fps in AVI

Accessories:

1 x User's Manual

1 x Remote Control

1 x USB Charging Cable (For charging only)

4 x Spare Blades

1 x Long Axle

2 x Big Wheel

4 x Small Wheel

4 x Plastic Protector

4 x Short Axle (For small wheels)

The specifications and accessories are subject to change without notice.

LIMITED WARRANTY

Craig warrants this product to be free from manufacturing defects in material and workmanship under normal use for a period of 90 days from date of purchase. If service is required, please return the product to the store where it was purchased for exchange; or, pack the unit in the original packing material with all accessories if applicable, a copy of your sales receipt and a Cashier's check or Money Order for \$12 (to cover shipping and handling costs) payable to Craig Electronics Inc. For consumers in Canada, please make sure that the cashier check or money order is redeemable through a U.S. bank. Ship your product freight pre-paid. Your unit will be repaired, replaced or if the unit can not be repaired or replaced, a refund will be forwarded to you within four weeks of receipt of your unit. Please ship your unit to:

Craig Electronics Inc.
1160 NW 163 Drive
Miami, FL 33169

This warranty is void if the product has been: a) Used in a commercial application or rental. b) Damaged through misuse, negligence, or abuse. c) Modified or repaired by anyone other than an authorized Craig service center. d) Damaged because it is improperly connected to any other equipment.

Note: This warranty does not cover: a) Ordinary adjustments as outlined in the Owner's Manual which can be performed by the customer. b) Damage to equipment not properly connected to the product. c) Any cost incurred in shipping the product for repair. d) Damage to the product not used in the USA.

This warranty is not transferable and only applies to the original purchase. Any implied warranties, including the warranty of merchantability, are limited in duration to the period of this expressed warranty and no warranty whether expressed or implied shall apply to the product thereafter.

Under no circumstance shall Craig be liable for any loss or consequential damage arising out of the use of this product. This warranty gives specific legal rights. However, you may have other rights which may vary from state to state. Some states do not allow limitations on implied warranties or exclusion of consequential damage. Therefore, these restrictions may not apply to you.

To Obtain Service on your Product
email:service@craigelectronics.com