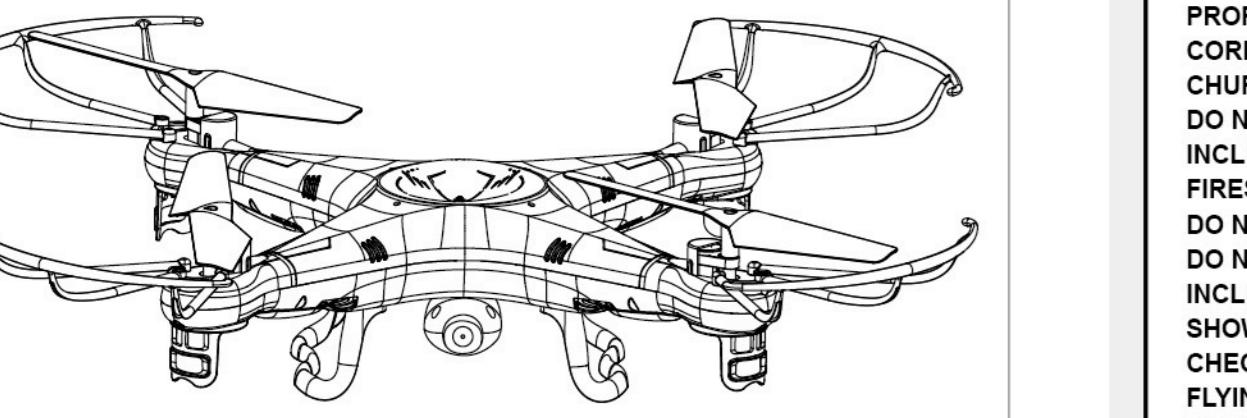


This product is recommended for ages 14+, but should always be used with adult supervision.

Thank you for purchasing our product. In order to safely enjoy this QUADCOPTER, please read this manual carefully before using. Please keep it for future reference.

FOR AGES 14+ RECOMMENDED

## GRAVITY Q3 QUADCOPTER 4.5CH 2.4GHz REMOTE CONTROL WITH CAMERA



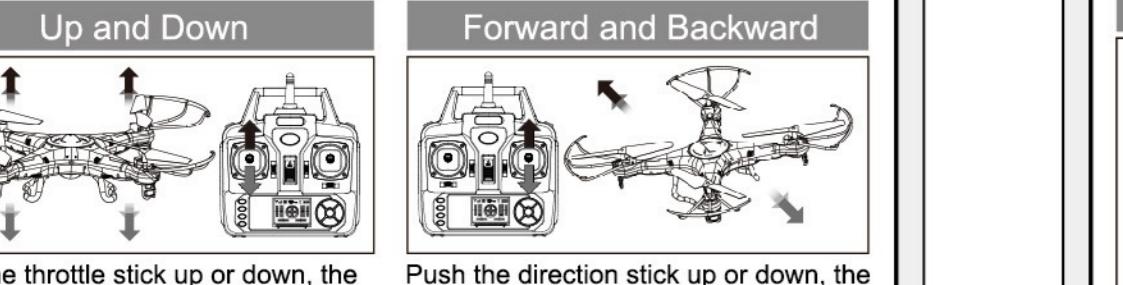
### INSTRUCTION MANUAL

#### Key Features of Quadcopter

- Damage caused to this quadcopter due to crashes or operator error is not covered by warranty. Do not return the quadcopter to the retailer. Please contact customer service at GVS AMERICA for trouble shooting and/or purchasing available replacement parts. Please go to [WWW.GVSAMERICA.COM/RC](http://WWW.GVSAMERICA.COM/RC). You can also submit questions via email to [RC@GVSAMERICA.COM](mailto:RC@GVSAMERICA.COM)
- Failure to read and understand the instructions can cause damage to the quadcopter and could also result in injury.

#### MODE 1

##### Operating direction



Push the throttle stick up or down, the quadcopter will ascend or descend.

Push the direction stick up or down, the quadcopter will move forward or backward.

Push the throttle stick to the left or right, the quadcopter will turn to left or right.

Push the direction stick to the left or right, the quadcopter will drift to left side or right side.

##### Trim Adjustment:

Forward/Backward Trim

Drift Side-to-Side Trim

Left/Right Turning Trim

When the quadcopter keeps moving forward/backward by itself, you can correct it by pressing the Forward/Backward Trim Button down / up.

When the quadcopter keeps drifting to the left/right side by itself, you can correct it by pressing the Left/Right turning Trim Button right / left.

When the quadcopter keeps spinning counter clockwise / clockwise, you can correct it by pressing the Left/Right turning Trim Button down / up.

When the quadcopter keeps drifting to the left / right side by itself, you can correct it by pressing the Left/Right turning Trim Button right / left.

When the quadcopter keeps spinning counter clockwise / clockwise, you can correct it by pressing the Left/Right turning Trim Button right / left.

-7-

#### FLY SAFE & RESPONSIBLY

Use common sense and care in the operation of your drone. The guidelines below will help to ensure the safe and legal operation of your aircraft, but are by no means a complete list. It is your responsibility to keep up to date with all local, state and national regulations with regards to rules for the operation of an unmanned aircraft. Please refer to the FAA website for flying/safety guidelines as well as the registration process. Site address is: [www.faa.gov/uas](http://www.faa.gov/uas)

A number of states and municipalities have passed or are considering limitations to the operations of unmanned aircraft. Make sure to check on the regulations in your area.

FLY HIGHER THAN 400' AND AWAY FROM OBSTACLES.

KEEP YOUR DRONE WITHIN EYESIGHT AT ALL TIMES.

DO NOT FLY OVER PEOPLE, ANIMALS OR VEHICLES.

DO NOT FLY NEAR AIRPORTS OR SENSITIVE INFRASTRUCTURE OR PROPERTY INCLUDING BUT NOT LIMITED TO GOVERNMENT FACILITIES, CORRECTIONAL INSTITUTIONS, POWER STATIONS, SCHOOLS, CHURCHES, AND STADIUMS.

DO NOT FLY WITHIN RESTRICTED AND CONTROLLED AIRSPACE, INCLUDING NEAR OR OVER MILITARY BASES, PRISONS, AND FOREST FIRES.

DO NOT FLY ANYWHERE YOU MAY INTERFERE WITH FIRST RESPONDERS, DO NOT FLY IN POPULATED AREAS OR NEAR LARGE GROUPS OF PEOPLE, INCLUDING SPORTING EVENTS, CONCERTS, FESTIVALS, AND FIREWORK SHOWS.

CHECK AND FOLLOW ALL LOCAL LAWS AND ORDINANCES BEFORE FLYING OVER PRIVATE PROPERTY.

REMAIN CLEAR OF AND DO NOT INTERFERE WITH THE OPERATION OF ANY MANNED AIRCRAFT.

DO NOT FLY UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.

DO NOT CONDUCT SURVEILLANCE OR PHOTOGRAPH PERSONS IN AREAS WHERE THERE IS A REASONABLE EXPECTATION OF PRIVACY WITHOUT THE PERSON'S CONSENT.

DO NOT FLY IN ADVERSE WEATHER CONDITIONS SUCH AS HIGH WINDS, RAIN OR LIMITED VISIBILITY.

Again, use common sense and care when flying your drone. Follow these guidelines for the safety of everyone. As drones become more popular, the laws regarding their use may change. Stay informed by checking with the FAA and local agencies regularly.

-1-

#### INTRODUCTION

This product is not a toy, but a detailed piece of equipment that integrates mechanics and electronics, and uses aerodynamics and high-frequency transmitting.

Please refer to the FAA website for flying/safety guidelines as well as the registration process. Site address is: [www.faa.gov/uas](http://www.faa.gov/uas)

A number of states and municipalities have passed or are considering limitations to the operations of unmanned aircraft. Make sure to check on the regulations in your area.

FLY HIGHER THAN 400' AND AWAY FROM OBSTACLES.

KEEP YOUR DRONE WITHIN EYESIGHT AT ALL TIMES.

DO NOT FLY OVER PEOPLE, ANIMALS OR VEHICLES.

DO NOT FLY NEAR AIRPORTS OR SENSITIVE INFRASTRUCTURE OR PROPERTY INCLUDING BUT NOT LIMITED TO GOVERNMENT FACILITIES, CORRECTIONAL INSTITUTIONS, POWER STATIONS, SCHOOLS, CHURCHES, AND STADIUMS.

DO NOT FLY WITHIN RESTRICTED AND CONTROLLED AIRSPACE, INCLUDING NEAR OR OVER MILITARY BASES, PRISONS, AND FOREST FIRES.

DO NOT FLY ANYWHERE YOU MAY INTERFERE WITH FIRST RESPONDERS, DO NOT FLY IN POPULATED AREAS OR NEAR LARGE GROUPS OF PEOPLE, INCLUDING SPORTING EVENTS, CONCERTS, FESTIVALS, AND FIREWORK SHOWS.

CHECK AND FOLLOW ALL LOCAL LAWS AND ORDINANCES BEFORE FLYING OVER PRIVATE PROPERTY.

REMAIN CLEAR OF AND DO NOT INTERFERE WITH THE OPERATION OF ANY MANNED AIRCRAFT.

DO NOT FLY UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.

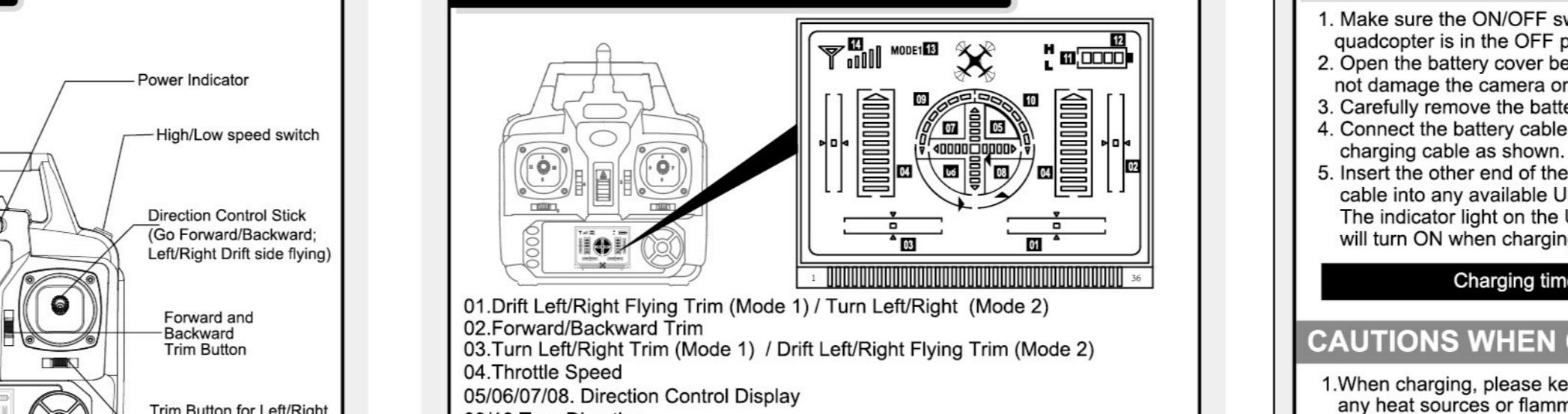
DO NOT CONDUCT SURVEILLANCE OR PHOTOGRAPH PERSONS IN AREAS WHERE THERE IS A REASONABLE EXPECTATION OF PRIVACY WITHOUT THE PERSON'S CONSENT.

DO NOT FLY IN ADVERSE WEATHER CONDITIONS SUCH AS HIGH WINDS, RAIN OR LIMITED VISIBILITY.

Again, use common sense and care when flying your drone. Follow these guidelines for the safety of everyone. As drones become more popular, the laws regarding their use may change. Stay informed by checking with the FAA and local agencies regularly.

-2-

#### Get to know your transmitter



- 01.Drift Left/Right Flying Trim (Mode 1) / Turn Left/Right (Mode 2)
- 02.Forward/Backward Trim
- 03.Turn Left/Right Trim (Mode 1) / Drift Left/Right Flying Trim (Mode 2)
- 04.Throttle Speed
- 05/06/07/08. Direction Control Display
- 09/10.Turn Direction
- 11.High/Low speed
- 12.Battery Strength for Transmitter
- 13.MODE
- 14.Signal strength between quadcopter and transmitter.

#### INSTALL LANDING SKIDS & GUARDS

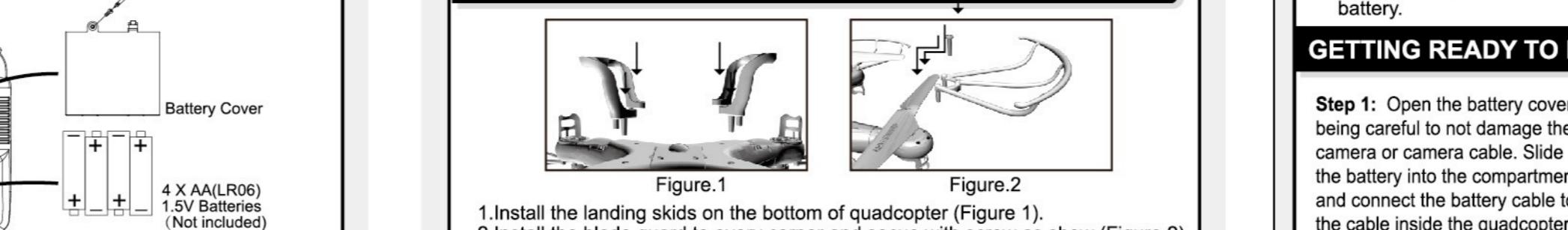


Figure.1

Figure.2

1. Install batteries with correct polarity.
2. Do not mix old and new batteries.
3. Do not mix different types of batteries.

-3-

#### CHARGING THE BATTERY

1. Make sure the ON/OFF switch on the quadcopter is in the OFF position.
2. Open the battery cover being careful to not damage the camera or camera cable.
3. Carefully remove the battery.
4. Connect the battery cable to the USB charging cable as shown.
5. Insert the other end of the USB charging cable into your computer or to an USB wall charger.

The indicator light on the USB charging cable will be OFF during charging and will turn ON when charging is complete.

Charging time: about 60 min — Flying time: 7-9 min

#### CAUTIONS WHEN CHARGING

- 1.When charging, please keep the product in a dry, ventilated area, far away from any heat sources or flammable items.
- 2.When charging, please remove the batteries from the aircraft.
- 3.Charging the product immediately following flying may result in a fire hazard. Please give the product's electronics time to cool down after flying. Make sure the Lithium-ion battery has cooled completely before charging.
- 4.Please use the original USB charging cable provided. Replace batteries or cable when either is not functioning properly after an extended period of time.
- 5.When in use for an extended period of time, a battery will lose its charge automatically. Charging or discharging too often may reduce the lifespan of the battery.

#### GETTING READY TO FLY

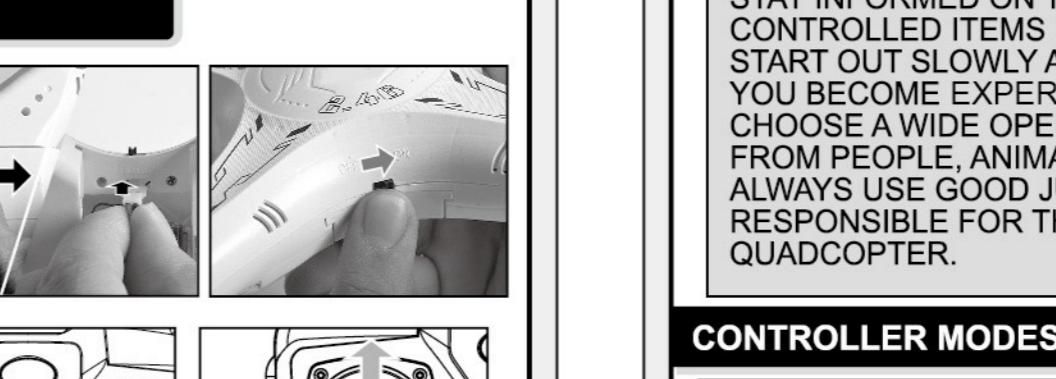


Figure.1

Figure.2

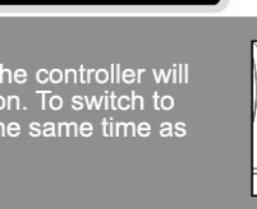
1. When the indicator of transmitter of the quadcopter is blinking slowly, it means signal matching was not successful. Please turn off the power of transmitter and quadcopter, restart the transmitter and quadcopter.
2. If the quadcopter is still flying on its side dramatically or spinning while hovering, please switch off the power of both the quadcopter and transmitter, and then repeat the preflight steps.
3. When the indicator of the quadcopter keeps flashing slowly, it means that the quadcopter has entered into the low battery state. The quadcopter will need to be charged with the USB cable provided.

-4-

#### CAUTIONS:

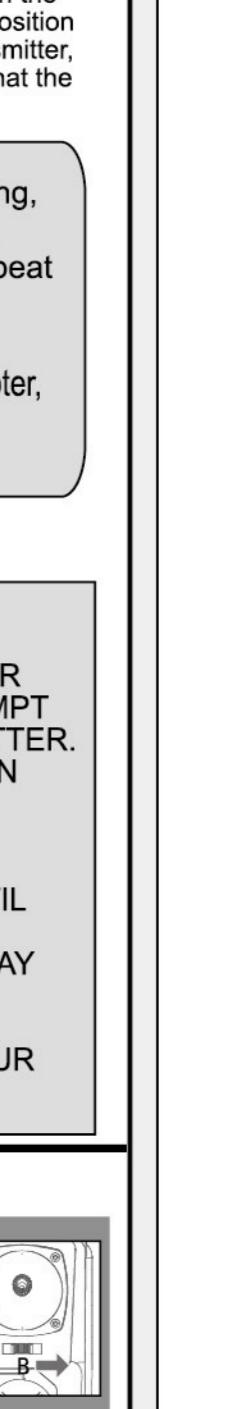
PRIOR TO FLYING, ALWAYS CHECK YOUR QUADCOPTER AND TRANSMITTER FOR ANY DAMAGE. DO NOT ATTEMPT TO FLY WITH A DAMAGED QUADCOPTER OR TRANSMITTER. KEEP YOUR QUADCOPTER IN VIEW AT ALL TIMES WHEN FLYING. STAY INFORMED ON THE RULES FOR FLYING REMOTE CONTROLLED ITEMS IN YOUR LOCAL AREA. START OUT SLOWLY AND PRACTICE YOUR SKILLS UNTIL YOU BECOME EXPERIENCED. CHOOSE A WIDE OPEN AREA FOR FLYING STAYING AWAY FROM PEOPLE, ANIMALS AND OBSTACLES. ALWAYS USE GOOD JUDGEMENT AS YOU ARE RESPONSIBLE FOR THE FLIGHT AND CONTROL OF YOUR QUADCOPTER.

#### CONTROLLER MODES & INSTRUCTIONS



-5-

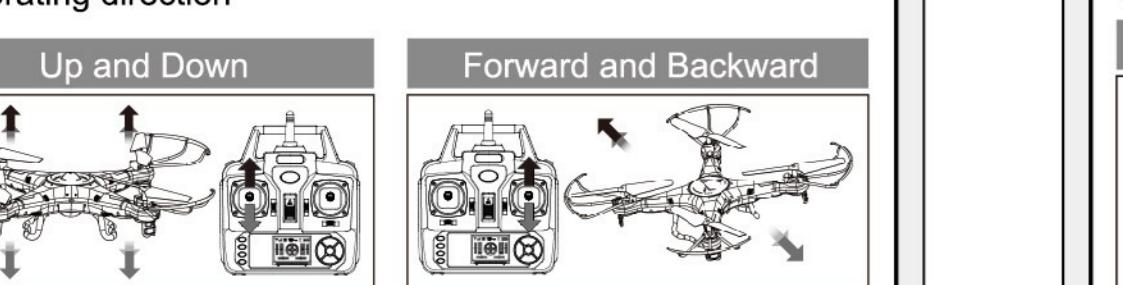
#### CONTROLLER MODES & INSTRUCTIONS



-6-

#### INTRODUCTION

##### Operating direction



Push the throttle stick up or down, the quadcopter will ascend or descend.

Push the direction stick up or down, the quadcopter will move forward or backward.

Push the throttle stick to the left or right, the quadcopter will turn to left or right.

Push the direction stick to the left or right, the quadcopter will drift to left side or right side.

##### Trim Adjustment:

Forward/Backward Trim

Drift Side-to-Side Trim

Left/Right Turning Trim

When the quadcopter keeps moving forward/backward by itself, you can correct it by pressing the Forward/Backward Trim Button down / up.

When the quadcopter keeps drifting to the left/right side by itself, you can correct it by pressing the Left/Right turning Trim Button right / left.

When the quadcopter keeps spinning counter clockwise / clockwise, you can correct it by pressing the Left/Right turning Trim Button down / up.

When the quadcopter keeps drifting to the left / right side by itself, you can correct it by pressing the Left/Right turning Trim Button right / left.

When the quadcopter keeps spinning counter clockwise / clockwise, you can correct it by pressing the Left/Right turning Trim Button right / left.

-7-

#### MODE 2

##### Operating direction



Push the throttle stick up or down, the quadcopter will ascend or descend.

Push the direction stick up or down, the quadcopter will move forward or backward.

Push the throttle stick to the left or right, the quadcopter will turn to left or right.

Push the direction stick to the left or right, the quadcopter will drift to left side or right side.

##### Trim Adjustment:

Forward/Backward Fine-Tuning

Drift Side-to-Side Trim

Left/Right Turning Trim

When the quadcopter keeps moving forward/backward by itself, you can correct it by pressing the Forward/Backward Trim Button down / up.

When the quadcopter keeps drifting to the left/right side by itself, you can correct it by pressing the Left/Right turning Trim Button right / left.

When the quadcopter keeps spinning counter clockwise / clockwise, you can correct it by pressing the Left/Right turning Trim Button right / left.

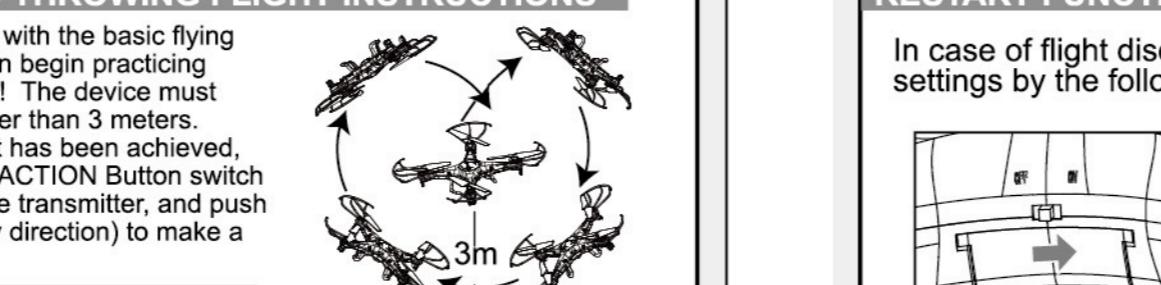
When the quadcopter keeps drifting to the left / right side by itself, you can correct it by pressing the Left/Right turning Trim Button right / left.

When the quadcopter keeps spinning counter clockwise / clockwise, you can correct it by pressing the Left/Right turning Trim Button right / left.

-8-

#### INTRODUCTION OF QUADCOPTER FUNCTIONS

##### 3D EVERSION AND THROWING FLIGHT INSTRUCTIONS



Push the throttle stick up or down, the quadcopter will hover up or down.

Push the direction stick up or down, the quadcopter will move forward or backward.

Push the direction stick to the left or right, the quadcopter will turn to left or right.

Push the direction stick to the left or right, the quadcopter will drift to left side or right side.

##### REGULAR MODE / OMNIDIRECTIONAL MODE

(Picture 1) OMNIDIRECTIONAL MODE BUTTON