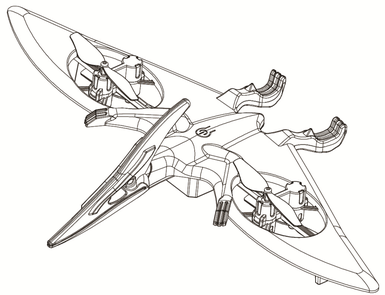
AGES 14+



REMOTE CONTROL QUADCOPTER

INSTRUCTION MANUAL

IMPORTANT INSTRUCTION

1.This product is not only a toy but a precision equipment with integrated mechanics and electronics. This product requires expertise in aerodynamics and high-frequency transmitting. This product needs to be correctly assembled and debugged to avoid accidents. The product owner should operate and control it in as safe manner. Please note that we are not liable or responsible for any accidents that may result in injury, damage or loss of property. We urge you to handle with care.

2.This product is suitable for users that have prior operating experience or users no less than the age 14.

3.The flying ground suggested is an open space that is legally viable for remote drone control.

4.If you encounter any problems while operating or repairing this product, kindly contact us . You can find our contact information in the warranty section. We will provide you with the technical support and after-sale service.

5. To avoid the drone losing control, we recommend indoor use only!

BATTERY REPAIR & MAINTENANCE

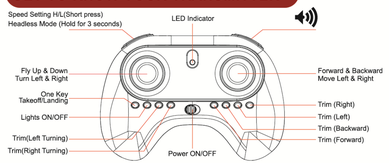
1.Battery should be put in the dry or well ventilated area with a room temperature of about 18-25℃.

2.In order to prolong the battery life,please avoid repeatedly charging or excessive discharging.

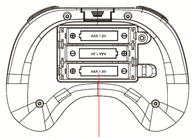
3.If the battery needs to be stored away for while,please charge the battery first.The battery needs to be charged to atleast 50-60% of its capacity.

4.If you do not use it for more than a month,it is highly recommended that you need to check the battery voltage every month to make sure the voltage is no less than 3V.Otherwise please do not follow step NO. (3).

GET TO KNOW YOUR TRANSMITTER



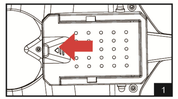
Battery installation



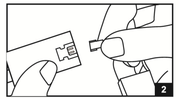
（USE 3x1.5V "AAA" SIZE BATTERIES）
BATTERY INSTALL

1. Different types of batteries or new and used batteries cannot be mixed.
2. Batteries must be inserted with the correct polarity.
3. Exhausted batteries need to be removed from the toy.
4. The supply terminals cannot be short-circuited.
5. Open the battery cover with the screwdriver.

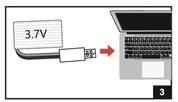
HOW TO CHARGE QUADCOPTER BATTERY



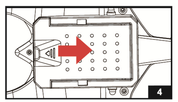
1. Pull the battery out of the quadcopter.



2. Take out the USB charging cable and insert into the battery power port (Make sure the ports are connected correctly).



3. Connect the USB charger to the computer USB port, then connect the charging socket to the lithium battery . While charging, the LED will light up; when fully charged, the LED will turn off.



4. Reconnect the battery to the quadcopter.

Charging time: about 70-90 minutes.
Flying time: about 5-7 minutes!

Note! Always charge the battery by using the USB port from your computer and not a telephone or tablet wall charger. Charging by using power socket can cause fire! Always keep watch while charging.

CAUTIONS WHEN CHARGING

1.When charging, please put this product in a dry or well ventilated area. Keep it away from any heat sources or explosive products.

2. Before charging, remove the batteries from the quadcopter. Charging process should be supervised by an adult to prevent an accident.

3.After flying, please do not charge the battery if the surface temperature is still not cool. Otherwise it may cause the battery to swell, this could be a fire hazard.

4. Please make sure that you use the original USB charging cable provided. If the battery has been used for a long time, or appears to be swollen, please replace them.

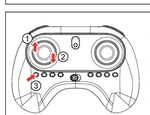
5. If you do not play with the quadcopter for a long time, please remove the battery.

READY TO FLY YOUR QUADCOPTER

Step 1

Slide open the battery cover on the drone. Insert the battery, connect the battery cable into the drone plug point. Make sure it fits correctly, then slide the battery cover to close. Turn the switch on the drone to ON, and place it down onto a flat surface making sure the drone is facing AWAY from you.

Step 2



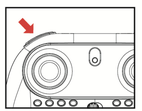
Make sure the drone is switched on, turn on the controller power switch, and you will hear beeping sounds. Then push the left stick to the top and pull it down to bottom (as photo ①&②), the drone will automatically connect with the controller. All the LEDs will flash and stay on. Now it is ready to fly. Click the One Key Takeoff button (as photo ③) to start your flight!

FLIGHT CONTROL

Ascending / Descending	When you push Up on the Up/Down Lever the Drone will lift (please do this slowly at first till you learn the sensitivity). When you push Down on the Up/Down Lever the Drone will descend.	Turn Right / Turn Left	When you push Left on the Turn Left/Turn Right Lever the Drone will spin Left. When you push Right on the Turn Left/Turn Right Lever the Drone will spin Right.
Forward / Backward	When you push Forward on the Forward/Backward Lever the Drone will fly Forward (please do this slowly at first till you learn the sensitivity). When you push Backwards on the Forward/Backward Lever the Drone will fly Backwards.	Left sideward fly / Right sideward fly	When you push Left on the Bank Left/Bank Right Lever the Drone will start to Bank Left (please do this slowly at first till you learn the sensitivity) . When you push Right on the Bank Left/Bank Right Lever the Drone will start to Bank Right.

SPEED CONTROL

After connecting with the controller, the drone is in low speed mode.
Press the Speed Setting button, when you hear the sound of "Di-Di", the drone switches to high speed mode.
Press the button again, when you hear the sound of "Di", it switches to low speed mode.



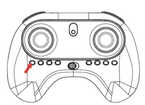
FLIGHT ADJUSTMENT SECTION

When you lift your Drone into the air, without the use of any control levers, it should HOVER in one spot. If it doesn't, you can follow the instructions below to bring your Drone back to a perfect HOVER.

If your Drone banks to the Left, keep pressing the Bank Right Trim Button to the Right till the Drone stops banking.	
If your Drone banks to the Right, keep pressing the Bank Left Trim Button to the Left till the Drone stops banking.	
If your Drone flies Backwards, keep pressing the Forward Trim Button Up till the Drone stops flying Backwards.	
If your Drone flies Forwards, keep pressing the Backwards Trim Button Down till the Drone stops flying Forwards.	

HOW TO LAND YOUR QUADCOPTER

Option 1: After playing,control the drone to the ground and keep the throttle at the lowest position for 3-4 seconds or until the motor stops working. Finally switch off the transmitter and drone.



Option 2: For a fast turn off, press the one key landing button, the product will slowly land on the ground and motor will shut down.

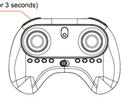
RESETTING THE DRONE:

Pull the left stick to lower left quarter, and pull the right stick to lower right quarter (as photo), you will hear beeping sound and the LED lights begin to flash and stay on, the gyro will auto reset and keep better balance. Please notice that the drone should be put on the flat surface.

HEADLESS MODE

When signal connection is finished as picture below (the directions of the drone and player are THE SAME) , Press the headless mode button for 3 seconds to enter headless mode , no matter what direction the head of the drone towards , it will fly forward when you push the control stick forward , it will fly backward when you pull the control stick backward.

Headless Mode
(Hold for 3 seconds)

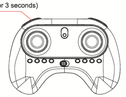


Please notice that :

Once signal connection is finished,
the direction of THE DRONE(BUT NOT THE PLAYER) will be marked.
In this case (same direction), enter headless mode,
Push the control stick forward , it will fly towards the direction which is marked FRONT when signal connection.
Push the control stick back / left / right to fly back / left / right.

When signal connection is finished as picture below (the directions of the drone and player are OPPOSITE) ,Press the headless mode button for 3 s econds to enter headless mode, no matter what direction the head of the drone towards, it will fly CLOSE TO YOU , when you push the control stic forward, it will fly AWAY FROM YOU, when you pull the control stick backward.

Headless Mode
(Hold for 3 seconds)



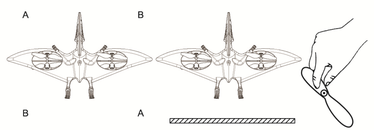
Please notice that :

Once signal connection is finished,
the direction of THE DRONE(BUT NOT THE PLAYER) will be marked.
In this case(opposite direction), enter headless mode,
Push the control stick forward, it will fly towards the direction which is marked FRONT when signal connection.(NOW THE FRONT IS THE OPPOSITE DIRECTION OF THE PLAYER)
Push the control stick back / left / right to fly forward/ right / left.(NOW THE DIRECTIONS ARE ALSO OPPOSITE TO THE PLAY'S)

BLADE REPLACEMENT INSTRUCTION

The quadcopter comes with replacement blades, if the originals are broken or badly damaged. It is extremely important to use the correct blade (A or B) for replacement. The marking can be found on the blades. Using the incorrect blade will make it impossible to control the quadcopter.

(Assembly of the blades: Clip the small cap of the blade, and then aim at the shaft of the motor and press it. It may require a little force. Please be careful so you don't break it.)



APPEND MANUAL

Produce name: RC TOY
Model:2202
Manufacturer: GUANGDONG HENGDI TECHNOLOGY CORP.,LTD.
Address: Building C, Jinhui Industrial Building, South of Yuting Road, East of Taian Road

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.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.