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THE DRONE

Instruction manual
7199-01/12366300

What's Included:
1 x Drone
1 x Instruction Manual
1 x Remote Controller
1 x USB (charging cord)

Parts Included:
8 x propellers
2 x removable joysticks
1 x small screw driver
6 x screws
1 x Li-Po Battery

Hello! Here is everything you need to know about the Drone. In order to help you understand how to operate our product like-a-pro (and in a safer manner), and to quickly show off for all of your friends; please read the entire instruction manual (it's in your best interest to keep this for future use).

INDEX

- Safety Notes 02
- Safety Advisory Notice 03
- Safety Check Before Flying 04
- Charging the Battery 04
- Assembling Diagrams 05
- Remote Controls 06
- Time to Fly 06
- Tech Specifications 09

SAFETY NOTES

Important Notes: Ages +14
This drone is not a toy, it can be fun but must be taken seriously.

Any improper use of this product will result in serious injury. Be aware of your personal safety, safety of others and your surroundings environment.

We recommend beginners learn to fly with more experienced pilots flying nearby before attempting to fly the Drone in the same environment.

Caution:
The Drone has parts that move at high speed, which poses a certain degree of danger.

Choose a wide open space without obstacles. Do not operate the Drone near buildings, crowds of people, high voltage cables, or trees to ensure the safety of yourself, others and your drone.

LiPo Battery Safety Notes:
The Drone is powered by a Lithium-Polymer (LiPo) battery.

To avoid risk of fire or damage, never recharge your battery while it is inserted in the Drone. If you do not plan to fly the Drone for a week or more, store the battery approximately 50% charged to maintain battery performance and life.

Prevent Moisture:
The Drone contains many precise electrical components.

Store the battery and the Drone in a dry area at room temperature. Exposure to water or moisture may cause malfunction resulting in loss of responsiveness, or a crash.

Proper Operation:
For safety only use the included spare parts for replacements.

Always be aware of the Rotating Blades:
When in operation, the main and tail rotor blades will be spinning at high speed. The blades are capable of inflicting serious body injury or property damage.

Be careful to keep your body and loose clothing away from the blades. Never take your eyes off the Drone or leave it unattended while it is turned on. Stop operating immediately if the Drone flies out of your view. Once landed, immediately turn off the Drone and transmitter.

Avoid Flying Alone:
Beginners should avoid flying alone when learning flight skills. We recommend flying with an experienced pilot nearby in case you need help.

SAFETY ADVISORY NOTICE

● **Lithium-Polymer (LiPo) Batteries**

LiPo batteries are different from conventional batteries in that their chemical contents are enclosed in a relatively lightweight foil packaging. This has the advantage of significantly reducing their weight, but does make them more susceptible to damage if explosion if safety practices are ignored.

- Charge and store LiPo batteries in a location where a battery fire or explosion (including smoke hazard) will not endanger life or property.
- Keep LiPo batteries away from children and animals.
- Never charge the LiPo battery that has ballooned or swelled.
- Never charge the LiPo battery that has been punctured or damaged.
- After a crash, inspect the battery pack for any sign of damage. Discard in accordance with your local recycling laws.
- Never charge the LiPo battery in a moving vehicle.
- Never overcharge the LiPo battery.
- Never leave the LiPo battery unattended during recharging.
- Do not charge LiPo batteries near flammable materials or liquids.
- Ensure that charging leads are connected correctly. Reverse polarity charging can lead to battery damage or a fire or explosion.
- Have a suitable fire extinguisher (electrical type) OR a large bucket of dry sand near the charging area. Do not try to extinguish electrical (LiPo) battery fires with water.
- Reduce risks from fire/explosion by storing and charging LiPo batteries inside a suitable container.
- Protect your LiPo battery from accidental damage during storage and transportation. (Do not put battery packs in pockets or bags where they can short circuit or can come into contact with sharp or metallic objects).
- If your LiPo battery is subjected to a shock (such as a crash), place it in a metal container and observe for signs of swelling or heating for at least 30 minutes.
- Do not attempt to disassemble or modify or repair the LiPo battery.

SAFETY CHECK BEFORE FLYING

Carefully inspect the Drone before every flight.

- Before operations, check the batteries of the transmitter and Drone are charged for the flight.
- Before turning on the transmitter, check that the throttle stick is pulled completely backward (down position).
- Carefully check the rotor blades and rotor holders. Broken parts will pose risk of injury and hazard.
- Check the battery and power plug are securely fastened. Serve vibration during flight may detach the plug and result in loss of control.
- When turning on the Drone, always turn on the transmitter first, and then turn on the Drone. To power off, always turn off the Drone first and then the transmitter. Improper procedure may cause loss of control of the Drone.

CHARGING THE LI-PO BATTERY

Charge the Li-Po battery completely before initial use of the Drone for optimal use!

- Use the provided charging cable, if the cable is damaged do not attempt to use.
- Do not charge the battery if swollen, leaking, or seemingly damaged.
- Do not overcharge the battery. When batteries are fully charged, unplug the battery from the power source immediately.
- Do not charge on the flammable or combustible surface (such as carpet, wooden floor, solid wood furniture, etc.) or on electric-conductive surface.
- When the battery has recently died, wait a few minutes to let the battery cool then begin charging.

Take out the battery from the bottom of the Drone

- Connect the battery with USB charger, then connect the USB charger to a computer or AC wall adapter.
- An LED light indicator will light while charging, and turn off when charging is complete.

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ASSEMBLING THE DRONE

Assembling the Drone: Use the provided equipment to achieve the Drone's best use

- First: Place the provided guards like show in Figure 1, and secure them one by one with a provided screw.
- Second: Take the provided screws and carefully place them into the pictured area (Figure 2). Screw them in, with the provided screwdriver, until firmly stuck as to properly hold the guards connected to the Drone.
- Third: Take note that all the propellers provided with the Drone are engraved with either an "A" or a "B" indication. To place the propellers correctly so that the Drone will fly you must align them so the "A"s are diagonal from one another, and the "B"s are as well (Figure 3). Once the Propellers have be laid out correctly, align the whole up with the pin and push the propellers into place.
- Fourth: The final step in constructing the Drone is implementing the Li-Po Battery. On the provided Li-Po battery, connect the Battery end into the Battery lead located on the physical Drone, as shown in Figure 4. Then slide the Li-Po battery into the alcove of the physical Drone, so that the battery cords are outside of the Drone. When successfully connected the LED lights will begin flashing and remain on when connected to the remote.

ASSEMBLING THE CONTROLLER

Assembling the Controller: Use the provided equipment to achieve the Drone's best use

- Fifth: Select the two Removable Joysticks, along with two of the provided screws. Place one joystick at a time on to the controller as shown in Figure 5. Place a screw within the removable joystick and firmly screw it into place.
- Sixth: Turn the controller over, and place three AA Batteries into the back of the controller, as shown in Figure 6.

REMOTE CONTROLS

Elevator Ascending, Descending, Rotate left, Rotate right, Control lever

Throttle Forward, Backward, Left-side Flying, Right Side flying, Direction Control lever

Trimming Left Trimming, Power Switch, Right Trimming

Other controls: Long press for the light switch, Single press for mode switch, Power Indicator, Forward/Backward Trimming, Key of 3D tumbling

TIME TO FLY

Please read the instructions carefully to and proficiently fly the Drone. Reference the above diagram to understand which controls to use when.

Operating Direction

- Push the elevator lever upward or downward, the Drone will fly upward or downward correspondingly.
- Push the throttle lever upward or downward, the Drone will be flying forward or backward.

Push the elevator lever to the left or to the right, the Drone will be rotating to the left or to the right accordingly. When the 3D mode is at high speed rotates.

Push the throttle lever to the left or to the right, the Drone will fly to the left or to the right.

Trimming

- In the case that the Drone is hovering in the air and the Drone is flying forward or backward, to make a correction push the trimmer upward or downward.
- In the case that the Drone is hovering and the Drone is able to go left or right, you are able to correct this by pushing the trimmer left or right.
- If your Drone is spinning and needs corrected, use the trimmer to direct the Drone either left or right to balance out the spinning.

Flying Environment

- Flying Indoor: Please choose to fly in the spacious area where there is no obstacle or pet or people nearby.
- Flying Outdoor: Please choose to fly in warm weather, sunny, not windy or you risk the loss of your Drone.
- It is not recommended to fly in extreme weather conditions, as strong wind may cause limited flying response or losing control over the Drone all together. Also, if flying in strong wind, you're risking the that the Drone could be blown away or physically damaged.

TECH SPECIFICATIONS

Information regarding the physical and cable attributes of the Drone.

Diameter of Main Rotor	54mm
Fuselage Height	30mm
Battery	3.7V/300mAh lithium battery
Gyroscope	U.S. Yi Mei Shen 6 axial digital Gyro
Length of Fuselage	120mm
Total weight	26g
Charging Time	40 minutes
Code of main engine	Hollow cup engine
Flying Time	5-7 minutes
Flying Height	● 30-50 meters

● The Drone's size suggest not to fly the Drone out of sight.

NOTES:

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 he 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.

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