USER MANUAL

AGES 14+

CHEERSON

NO.CX-10C

CE 0890

PLEASE CAREFULLY READ THE INSTRUCTION MANUAL BEFORE FLYING.

Lithium Battery Safety Instruction

Warning

Under the condition of non-operation, charging to the lithium battery may cause fire or injury or loss of property. The user should well notice the risk hidden when using this kind of product. The manufacturer or sales agent or +3after who's being not responsibly for any accident happened. Please read carefully the safe guidance self charging and instruction before using this product.

Please put the battery on the place where is far away from the children or pets. User on or less than 16 years old should use this product under the guidance of adult. Children under 14 years old should not operate it by its own.

Guarantee of the Lithium Battery

The guarantee of this product is only for the raw materials and workshop but no guarantee is given to this product. Under any circumstances, our company won't compensate the amount that higher than the retail price value.

1.It is highly forbidden to charge it for a long time under unattended condition so as to avoid the accident.
2.Please use the original charger included for charging this product.
3.It is highly forbidden to decompose or disassemble the battery.
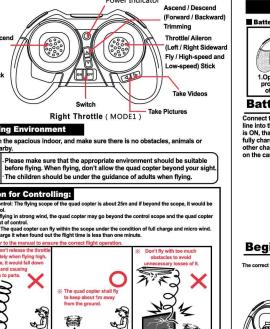4.Batteries are forbidden to be used or kept under high temperature or heat source or near the flammable product.
5.When charging the battery, covering the charger or battery is highly forbidden. Please keep ventilation and make sure that it should be charged under the condition of fire safety.
6.If the battery sends out smelly odor or gets heated or deformed or there is any abnormal phenomenon happened during the process of charging, please remove the batteries from the charging device or charger and move to the safety outdoor place (if there are batteries which appear abnormal phenomenon, please DO NOT litter around. Please dispose it by taking safe measure) so as not to cause combustion or explosion.
7.Batteries are forbidden to be stored or transported together with the metallic object.
8.Batteries are forbidden to be thrown into the fire or get heated.
9.Metal is forbidden to connect directly with the "+"."-" polarity of the battery.
10.It is highly forbidden to upside down the "+"."-" polarity of the battery.
11.If there any battery leakage happened or electrolyte liquid mistakenly goes into the eyes, please do not rub the eyes but rinse the eyes with clear water.
12.When the battery is not used, please store it in the cool or dry environment.

Illustration of Each Part

Battery

Quad Copter

Main Rotor

USB Charging Line

SD Card

power switch/ charger

Blade

Picture/Video Indicator

Transmitter

Each Functions Introduction of Transmitter

Throttle/ Direction / High-speed and Low-speed Stick

Power Indicator

Ascend/ Descend (Forward / Backward) Trimming

Ascend / Descend (Forward / Backward) Aileron (Left/Right Sideward Fly / 3D tumbling) Stick

Switch

Take Videos

Take Pictures

Left Throttle (MODE2)

Power Indicator

Ascend / Descend (Forward / Backward) Trimming

Left Aileron (Left/ Right Sideward Fly / High-speed and Low-speed) Stick

Switch

Take Pictures

Take Videos

Right Throttle (MODE1)

Flying Environment

Please fly in the spacious indoor, and make sure there is no obstacles, animals or humans nearby.

Note Please make sure that the appropriate environment should be suitable before flying. When flying, don't allow the quad copter beyond your sight. The children should be under the guidance of adults when flying.

Attention for Controlling:

*Scope of control: The flying scope of the quad copter is about 25m and if beyond the scope, it would be out of control.
Warning: If flying in strong wind, the quad copter may go beyond the control scope and the quad copter would be out of control.
Flight time: The quad copter can fly within the scope under the condition of full charge and micro wind. Please recharge it when found out the flight time is less than one minute.
Please refer to the manual to ensure the correct flight operation.*

① Please don't release the throttle immediately when flying high, otherwise it would crash down abruptly and causing damages to parts.

② Don't fly with too much obstacles to avoid unnecessary losses of it.

The quad copter shall fly to keep about 1m away from the ground.

Battery Installation and Charging Ways

Battery Installation

Note: The battery shall be correctly installed as the positive and negative plates pointed.

1.Open the battery protective cover of transmitter.

2.Install 2PCS 1.5V "AAA" alkaline battery (without battery).

3.Lock the protective cover of the battery.

Battery Charging

Connect the quad copter with the USB charging line, and then insert the USB charging line into the USB port of the computer or any other USB chargers. When the USB indicator is OFF, it indicates the charging is finished. When the indicator is OFF, that represents it is fully charged. Besides Apple charger, this USB charging wire can be connected with any other chargers of Smart mobile or movable power or being charged on the USB interface on the car. The voltage of the USB interface is +5+0.5V.

Begin to Take Off

The correct starting sequences of opening program are as the followings:

1.Switch on the transmitter and pull the throttle stick to the lowest point.

(Figure 1)

(Figure 2)

(Figure 3)

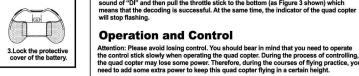2.Switch on the power of quad copter and put the quad copter on the level ground and keep static. The indicator of the quad copter will be flashing.
3.Switch on the power of the transmitter and the transmitter will send out sounds of "Di Di", and then push the throttle stick to the highest (as Figure 2 shown), it will send out sound of "Di" and then pull the throttle stick to the bottom (as Figure 3 shown) which means that the decoding is successful. At the same time, the indicator of the quad copter will stop flashing.

Operation and Control

Attention: Please avoid losing control. You should bear in mind that you need to operate the control stick slowly when operating the quad copter. During the process of controlling, the quad copter may lose some power. Therefore, during the courses of flying practice, you need to add some extra power to keep this quad copter flying in a certain height.

Throttle Control the quad copter to make ascending and descending

(LEFT THROTTLE)   (RIGHT THROTTLE)

Rise

Drop

Direction Stick Control the left rotation and right rotation of the quad copter.

(LEFT THROTTLE)   (RIGHT THROTTLE)

Rudder Control the forward and backward of the quad copter

(LEFT THROTTLE)   (RIGHT THROTTLE)

Forward   Backward

Aileron Control the quad copter of fly horizontally to be left or to be right.

(LEFT THROTTLE)   (RIGHT THROTTLE)

Left Transverse movement   Right Transverse movement

Note: when the aircraft flying at you, control direction is reversed.

Sensitivity Setting

This kind of mini quad copter can realize three models operation: junior – intermediate – senior
Gently press the throttle stick to enter the setting mode:
The beeper on the transmitter sounds "Di" – the quad copter enters the junior mode. (with sensitivity of 30%)
The beeper on the transmitter sounds "Di Di" – The quad copter enters the intermediate mode. (with the sensitivity of 50%)
The beeper on the transmitter sounds "Di Di Di" – The quad copter enters the senior mode. (with the sensitivity of 70%)

The bigger the sensitivity, the faster the mini quad copter; the smaller the sensitivity, the slower the mini quad copter.

(LEFT THROTTLE)   (RIGHT THROTTLE)

Aerial Tumbling Skills

3 modes can all be used to perform stunt action in the air, press the control stick and it will send out sound of "Di" and then enter the Stunt Mode.

(LEFT THROTTLE)   (RIGHT THROTTLE)

This model of quad copter can fly with 360 degree stunt action in the air through operating the control stick on the transmitter. In order to better carry out this stunt function and make sure the quad copter is one meter height above the ground, you'd better operate stunt action during the process of ascending, thus the quad copter will be easier to keep the height after making stunt action.

(LEFT THROTTLE)   (RIGHT THROTTLE)

Back Flips

Press the control stick, and push the ascend/descend stick to backward when hearing the sound of "Di".

(LEFT THROTTLE)   (RIGHT THROTTLE)

Left Side Flips

Press the control stick, and push the aileron to the left side when hearing the sound of "Di".

(LEFT THROTTLE)   (RIGHT THROTTLE)

Right Side Flips

Press the control stick, and push the aileron to the right side when hearing the sound of "Di".

(LEFT THROTTLE)   (RIGHT THROTTLE)

Front Flips

Press the control stick, and push the ascend/descend stick to forward when hearing the sound of "Di".

(LEFT THROTTLE)   (RIGHT THROTTLE)

1.After finishing the decoding between the quad copter and the transmitter, the quad copter shall be placed on the level ground.
2.Set the sensitivity degree in the senior mode, and push the throttle to the lowest place.
3.Push the throttle/ direction control stick to the bottom-left corner and the ascend/ descend/aileron control stick to the up-left corner. At this time, the indicator of the quad copter will be flashing for 1-2 seconds. Then the decoding is successful. (Left-hand Throttle)
4.When the latest released control stick to any set position, push the throttle / direction control stick to the bottom-left corner. At this time, the indicator of the quad copter will be flashing for 1-2 seconds. Then the decoding is successful. (Right-hand Throttle)

Trimming Adjustment Introduction

Backward trimming

Forward trimmer

Forward
Backward

Left
Right

Backward trimming

Forward trimming

(LEFT THROTTLE)   (RIGHT THROTTLE)

Note: If it is still driven to one direction, you can put it on the horizontal ground and place several papers on that direction (the quantity of the papers needed is depending on the driven level so that it can adjust the accelerometer horizontal angle of deviation).

Pictures & Videos Operation Ways of CX-10C

Basic Parameter of Camera:
0.3 Mega Pixel; Working Voltage: 3.0V - 4.2V

Picture Operations:
When decoding of the quad copter and transmitter is finished, shortly press the picture key on the transmitter. The blue indicators for taking pictures and videos on the quad copter would flash fast twice. After the fast flashing, it means that the pictures are stored in the SD card.

Video Operations:
When decoding of the quad copter and transmitter is finished, shortly press the video key on the transmitter. The blue indicators for taking pictures and videos on the quad copter would flash fast twice. When the flash of the blue indicators changes to be lightly constantly, it means that the videos taking are finished and stored in the SD card.

Accelerator Calibration
When the quad copter files unstable or drifts quickly to one direction, you need to calibrate the accelerometer.

Stuck Protection and Activation

When the propellers are stuck because of impacting or other reasons during the flight, the battery protective board of the quad copter will automatically stop working. You can cut off the power and reopen it under the circumstances of quite full power. When the quad copter is without power after reopening, it means that the power is not enough to activate the battery. You can use the equipped USB charging line to connect the power and then make the activation.

Common Breakdown Maintenance of the R/C Aircraft

Troubleshooting	Maintenance Method
Main rotor don't work or grifting take-off	Return-on and decoding, and if the problem still can't be solved, check whether the propellers of the quad copter are deformed or not. If they are deformed badly, they should be replaced.
Can't take off	Recharge the quad copter if there is short battery. If the problem still can't be solved, you can make the calibration according to the "Accelerometer Calibration" of the manual.

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

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 c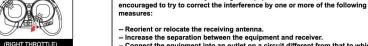ommunications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference 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.