CHEERSON

SANLIANHUAN

AGES
14+

USER MANUAL

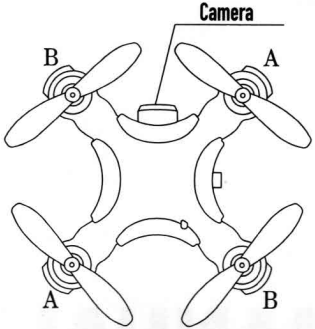
NO.CX-10WD-TX

(with transmitter)

PLEASE CAREFULLY READ THE USER MANUAL BEFORE FLYING

1.ILLUSTRATION OF EACH PART

Aircraft

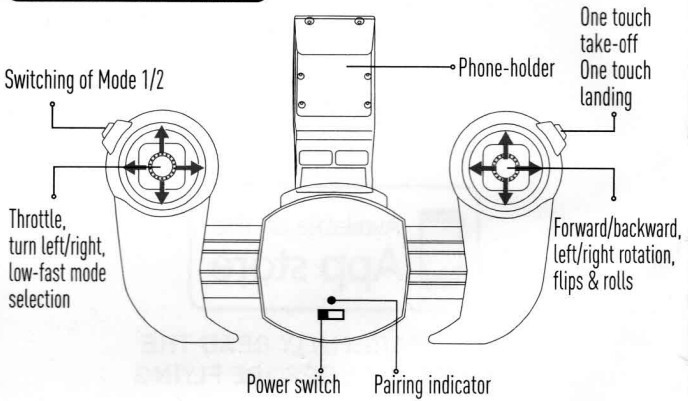


Blade

USB Charging Line

CX-10WD -TX camera: 0.3 mega pixel , resolution 640x480.

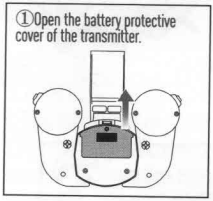
Transmitter Instruction Manual

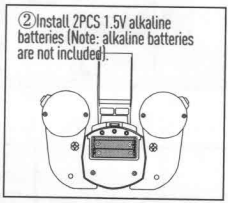


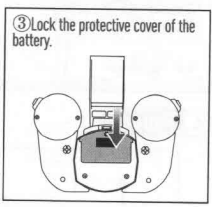
2.PREPARATION TO FLY

① Transmitter Battery Installation

Note: Pay attention to the polarity of the battery while installation.

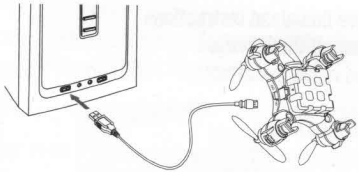






② Charging Aircraft Battery

Connect the charging cable to the aircraft, and then plug the USB side to the computer or any other USB charger. While charging the USB indicator will be ON. The USB indicator is OFF when fully charged. The USB charging cable can be connected to Apple chargers and other smart phone chargers. It also can be charged using portable batteries and car phone charges. Only standard +5+0.5v USB chargers are supported.

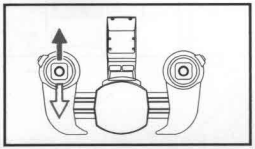


Note: direction of charging port

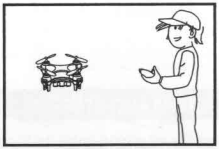
③ Attention

The flight time can be 4-5 minutes when fully charged and flying in small wind. Please do landing immediately for recharging the battery when the voltage rate is low.
RC range: approx 25 meters. Please note: flying your aircraft out of recommended range may cause crash or loss of the aircraft (it may fly away or fall down).
Warning: do not fly in the strong wind, as the aircraft may fly out or fall down.
While flying do not immediately put the throttle stick down, otherwise the aircraft may fall down, causing damages to some of its parts.

4 Pairing



1.Turn on the aircraft and then turn on the transmitter, it will beep once; move the throttle stick fully up and fully down indicating successful pairing.



2.It can work normally after successful pairing.

5 FPV Software Download and Connection

IOS Phone Software Download Instructions

1.Download and Install the Software

Please download and install the software CX-10WIFI from APP Store, or scan the QR code (Figure 1).

2.WIFI Connection Instruction

1.Turn the aircraft on and the blue indicators will begin to flash rapidly.
2.Turn on WIFI and connect CX-10WD-xxxxxx. When the "√" appears indicating successful connection then exit the setting.
3.Open the software CX-10WIFI on your iPhone or iPad, then click the icon to enter the control interface.

Android Phone Software Download Instructions

1.Download and Install the Software

Overseas User: Please download and install the software CX-10WIFI through the Google Play Store, or scan the QR code down, to download and install (Figure 2).
China User: Please download the software CX-10WIFI through alternative way, or scan the QR code down, to download and install (Figure 3).

Figure 1 Figure 2 Figure 3

2.WIFI Connection Instruction

1.Turn the aircraft on and the blue indicators will begin to flash rapidly.
2.Turn on WIFI and connect CX-10WD-xxxxxx. When the "√" appears indicating successful connection then exit the setting.
3.Open the software CX-10WIFI on your phone, then click the icon to enter the control interface.
4.Please refer to iPhone instruction for details.

WARNING

1.When flying keep away from other WIFI signals as far as possible to avoid disturbance.
2.Turn off WIFI and reconnect it if there is no WIFI signal found in search menu.
3.Please completely exit the software when you need to change the battery. Choose the corresponding network for connection. Turn on the software again after successful connection.
4.WIFI range may reach 25 meters and please do not exceed the flying range to keep normal flying.

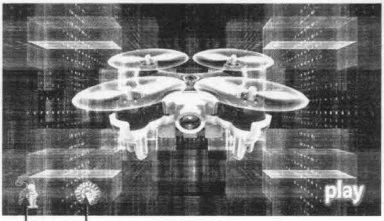
1.Open the CX-10WIFI software .

2.Click play to enter the controlling interface .

3.It will show images on your phone .

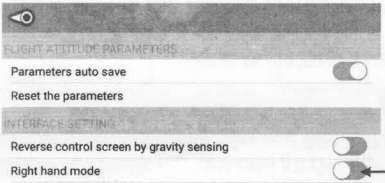
※**When the aircraft is controlled by transmitter, please pair the aircraft and the transmitter first and then connect with phone WIFI. Please turn off the phone control interface when the aircraft is controlled by the transmitter which means to click the "ON" icon.**

Controlling Software Interface

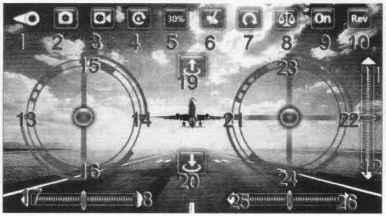


Startup Interface

Help Click the icon to enter setting



Left handed throttle mode is by defaulted Turn on right handed throttle



Controlling Interface

1. Return
2. Take picture
3. Take video
4. View on pictures/videos
5. Speeds selection
6. Gravity sensing control
7. One touch flips & rolls
8. One touch balance calibration
9. Reveal/conceal controlling interface
10. Monitor rollover
11/12. Elevator trim
13/14. Yaw control
15/16. Throttle
17/18. Yaw trim
19. One touch take off
20. One touch landing
21/22. Aileron control
23/24. Elevator control
25/26. Aileron trim

One touch take-off

Place aircraft on a flat level surface and click the one touch take off icon. After taking off it can hover and keep height at approx. 1.5m above the ground.

One touch landing

After clicking one touch landing icon, the aircraft will gradually loose height and automatically land.

One touch flips & rolls

When hovering click the one touch flips & rolls icon, the aircraft will flip or roll.

One touch balance calibration

If you encounter any unstable flying, place the aircraft on the flat level surface and click the one touch balance calibration icon. The LED indicators on the aircraft will flash constantly, indicating the successful calibration.

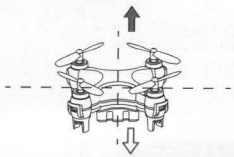
Fly Modes Settings

You can fly in 3 different modes and it is defaulted at beginners mode, indicating 30%. Click the sensitivity icon and the aircraft will be at intermediate mode, indicating 60% and click it again, it will be at advanced mode, indicating 100%. When click it again, it will come back to the beginners mode. The higher the sensitivity, the quicker the aircraft will respond. The smaller the sensitivity, the lower the aircraft will respond.

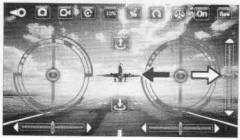
3.OPERATIONS

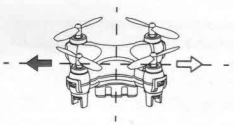
1.Manual Flying Control

(1) Ascend/descend control: when the throttle stick is moved up, the rotors will rotate fast and the aircraft will ascend; when the throttle stick is moved down, the rotors will rotate slowly and the aircraft will descend.

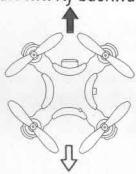


(2) Left/right side control: when the aileron/directional stick is moved left, the aircraft will fly to the left side; when the aileron/directional stick is moved right, the aircraft will fly to the right side.

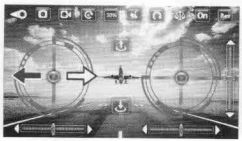


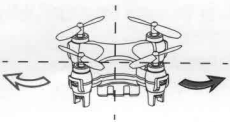


(3) Forward/backward control: when the elevator/directional stick is moved up, the aircraft will fly forward; when it is moved down the aircraft will fly backward.



(4) Rotational/yaw control: when the throttle stick is moved to the left and the aircraft will rotate to the left; when it is moved to the right, the aircraft will rotate to the right.





Trim Settings

(1)Forward/backward trim: if the aircraft drifts forwards or backwards, while trying to hover adjust the trim setting until it gets stable hovering.
(2)Left/right side fly trim: if the aircraft drifts to the left or to the right, while trying to hover adjust the trim setting until it gets stable hovering.
(3)Rotational trim: if the aircraft rotates to the left or to the right, while trying to hover adjust the trim setting until it gets stable hovering.

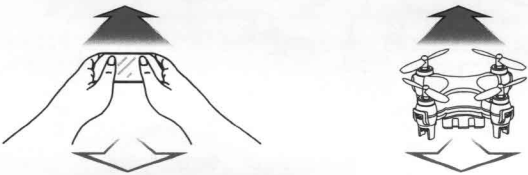
2.Gravity sensor control

The gravity sensor control is defaulted to OFF status. It will turn yellow after clicking the icon, indicating ON status.

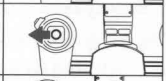
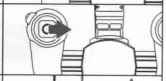
When the gravity sensor is on, you still need to move the throttle stick to control the height and rotational direction. You can use the phone to control the aircraft left/right, forward/backward.

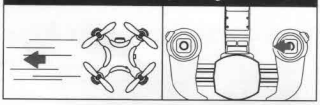
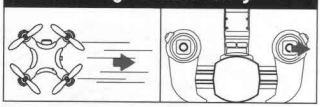
（1） Left/right side control: when the phone slopes to the left the aircraft will fly to the left; when the phone slopes to the right the aircraft will fly to the right.

（2） Forwards/backwards control: when the phone slopes forward, the aircraft will fly forwards; when it slopes backward, the aircraft will fly to backwards.



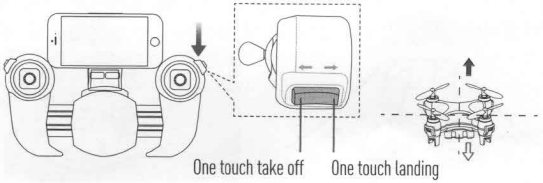
4.CONTROLLING WITH TRANSMITTER

Operations		
Ascend	When push upward the left stick, the blades rotation will be faster and the aircraft will ascend.	
Descend	When push downward the left stick, the blades rotation will be slower and the aircraft will descend.	
Turn left	When push the left stick to the left, the nose of the aircraft will turn left.	
Turn right	When push the left stick to the right, the nose of the aircraft will turn right.	
Forward	When you push upward the right stick, the tail of the aircraft slopes downward and the aircraft will move forward.	
Backward	When you push downward the right stick, the tail of the aircraft slopes downward and the aircraft will move backward.	

Left Sideward Fly	Right Sideward Fly
	

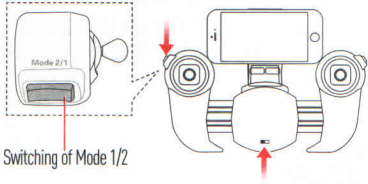
■ One touch take off & One touch landing

Click the buttons at the right of the transmitter. The up one is for one touch take off and the down one is for one touch landing.

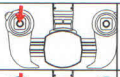
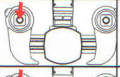


■ Switching of Mode 1/2

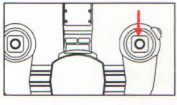
Click the button at the left of the transmitter and turn on the transmitter. It will enter Mode 1 (right handed throttle mode). It is defaulted by left handed throttle mode.

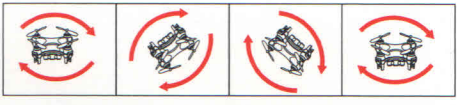


■ Low-fast mode selection

Beginners Mode	Gently press the throttle stick and the transmitter will beep once indicating beginners mode.		
Intermediate Mode	Gently press the throttle stick and the transmitter will beep twice indicating intermediate mode.		
Advanced Mode	Gently press the throttle stick and the transmitter will beep 3 times indicating advanced mode.		

■ 3D Flips & Rolls

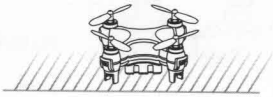


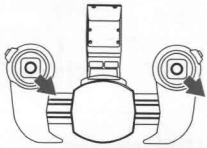


Press the flips & rolls button, it will beep 3 times to enter the advanced mode and then push the directional stick to do flips & rolls.

5.CALIBRATION OF ACCELEROMETER

If your aircraft begins to be unstable during flight or drifts quickly to one direction, please calibrate the accelerometer.
The aircraft should be placed on flat level surface.
After successful pairing, put both the throttle and the directional stick to the lowest right corners, and the indicators on the aircraft will flash. When the indicators are lighting constantly, indicating successful calibration.





In order to strengthen the quality of the WIFI FPV, please take out the antenna from the bottom of the aircraft when using and keep it vertical.