U61S USER MANUAL

Suitable for indoor flight

Li-Po Battery Disposal & Recycling

Wasted Lithium-Polymer batteries must not be placed with household trash. Please contact local environmentalor waste agency or the supplier of your model or your nearest Li-Po battery recycling center.

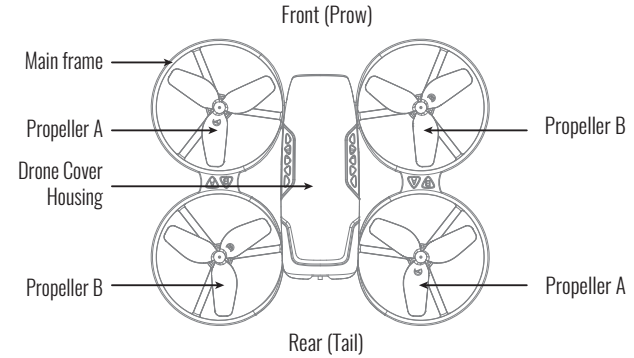
Important Notice

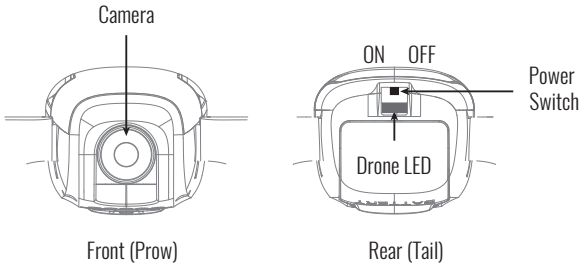
Our company's products are improving all the time, design and specifications are subject to change without notice. All the information in this manual has been carefully checked to ensure accuracy, if any printing errors, our company reserve the final interpretation right.

▲This product is suitable for users over 14 years old.
▲Stay away from the rotating propeller
▲Read the <important statement and safety guidelines> carefully.

Ready Before Take Off

Drone preparation

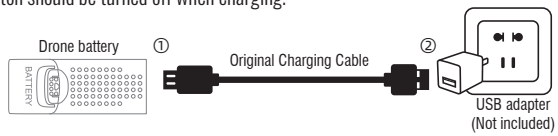




Charging Instruction

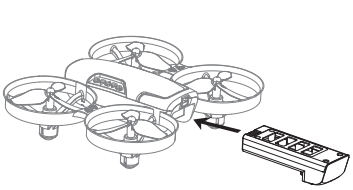
Battery power is insufficient in the original plant. It must be charged saturated before it can be used.

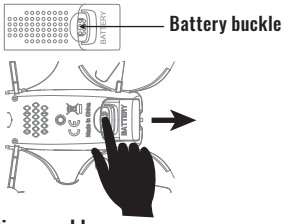
Connect the original charging cable with the drone, and then connect other USB charging port. The drone red LED keeps bright when charging and the light turns green when fully charged. The drone power button should be turned off when charging.



▲ Only use the original charging cable; suggest select Adapters with output current of 5V 2A.

Battery Installation

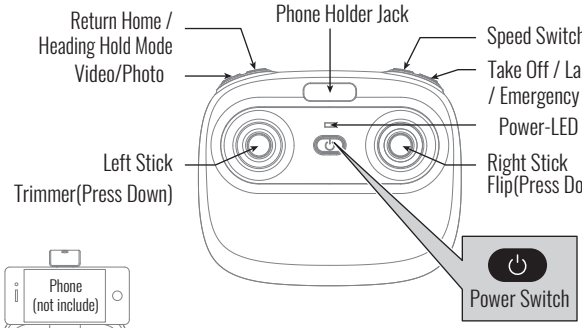




Installation:
Put the battery into the battery compartment and push it into position.

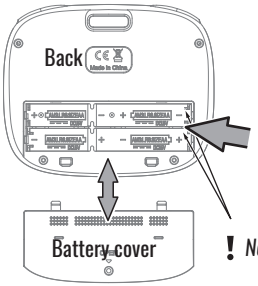
Disassembly:
Press the battery button and pull the battery back.

Transmitter Preparation

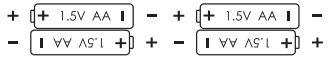


Notice:
Taking photo and recording video are available after connecting with smart phone.

Battery installation



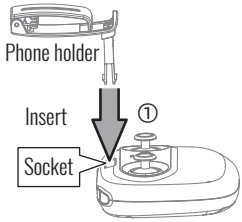
Open the battery cover of the remote controller and place the same type of battery with saturated capacity, according to the '+-' electrode indication in the battery cell (Not include).

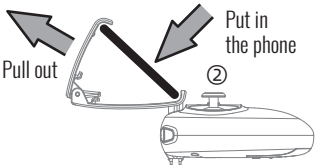


4×1.5V AA Battery

! *Note Direction.*

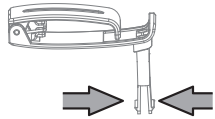
Mobile Phone Installation





The clamp will automatically clamp the mobile phone .

Notice: *Don't clip the buttons on the side of the phone.*



Take out the phone holder:
Press the buckle of the phone holder to close it and take it out.

Flight Operations

Mobile phone connect with Drone

Download and install APP: Flyingsee
This software is suitable for mobile phones in the IOS 9.0 or later and Android 4.4 or later system.
Please read the " ⓟ Help" of APP for more use.

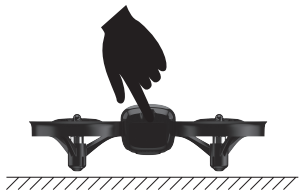
Transmitter connect with Drone

Frequency Pairing

Press down

① Turn on the prower on the transmitter, the transmitter indicator light will flash quickly.

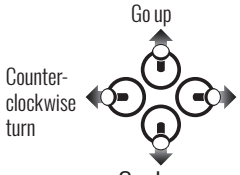
② Pull the left stick until bottom and then release, the transmitter power-LED will flash slowly, and enter frequency pairing.



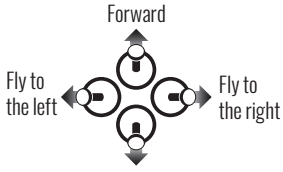
It must be placed on the horizontal ground.

③Turn on power switch of drone, the indicator light becomes from shiny to long bright which indicating the drone is in the state of successful opposite frequency.

Control stick operation



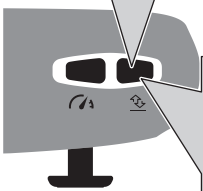
Left stick



Right stick

Take Off

Press the " ⇳ " button, the drone will automatically rises and flies at an altitude of about 1.2m.



Landing

During the flight, press the " ⇳ " button, the drone will land slowly until landing.

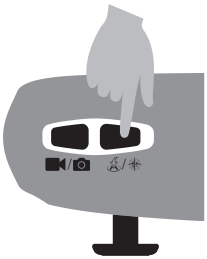
❗ ***Don't operate the left stick during landing, otherwise the current command will automatically fail.***

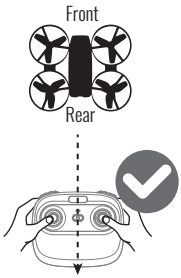
Emergency Stop

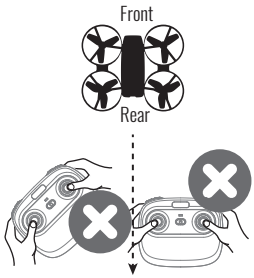
During the flight, press " ⇳ " for about 2 seconds, the transmitter will sound "di. di..." and the drone crashes directly.

Tip: Do not use the emergency stop function unless in emergency situation.

Return Home



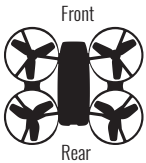




Press the "Return Home" button, the transmitter will sound “di”, and the drone will fly back to the users. Pull down the Left Stick slowly to land the drone when the drone fly back and close to the user.

The return home function is only available when the drone is in Heading Hold Mode.
Make sure the drone is in front of the users. Wrong position may cause the drone fly to other direction.

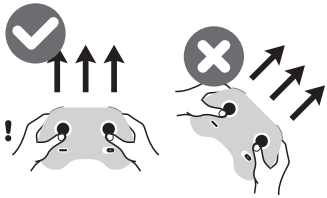
Heading Hold Mode

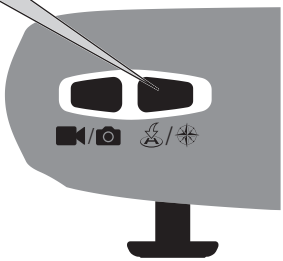


Heading Hold Mode means that the user can operate the drone without having to distinguish directions.

Start: Press the " " button, the transmitter will sound "didi" to enter the Heading Hold Mode.

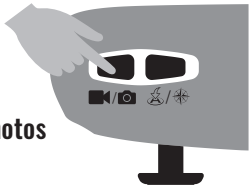
Off: Press again, the transmitter will sound "dididi" to exit the Heading Hold Mode.





Must be ensure that the drone's front is consistent with the polot's front.

Aerial photography



Photos

Press the "Photo" button once, the transmitter will sound “di” to take a picture.

Video

Long press the "video" button, the transmitter will sound “didi” to enter the recording state, to repeat this action to stop recording and save video.

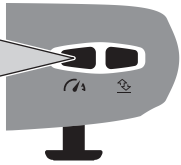
Notes for Filming

① The photos and videos are stored in the phone local gallery, you can display in the phone directly.
② App must be authorized to access the phone gallery, if not, then may be unavailable to display the video and photos.

Speed Switch

Low speed default

Press the " " button, the transmitter will sound "di.di", to enter High Speed Mode "H".Press again, the transmitter will sound "di", to enter Low Speed Mode "L".

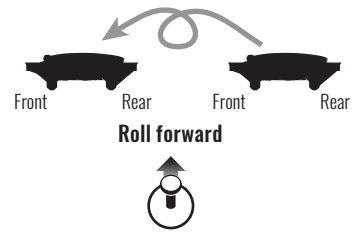


Low speed: suitable for beginners to practice without wind.
High speed: suitable for skilled and professional operation in outdoor wind resistance.

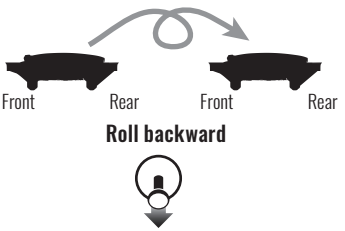
Flips

During the flight, short press down the right stick in the center button, and push the right stick upward/downward/left/right, the drone will complete a roll operation.

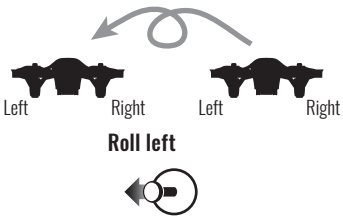
Press down



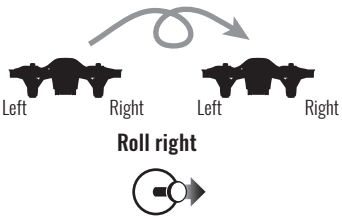
Roll forward



Roll backward



Roll left



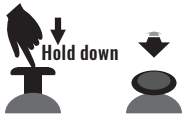
Roll right

Drone calibration (When abnormal flying)

After successful frequency alignment, the right stick is pushed to the lower right corner by 45°, and the drone LED turns to keep bright after quick flashing, indicating that the gyroscope has been calibrated. Release the right stick.

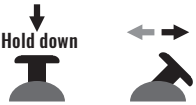
Tips: When the drone is fiercely impacted or crashed, it may cause the gyro can not recover and cause difficult control, if so, you can re-pairing & re-calibrateand put the drone on the level surface.

Flying Trimmer



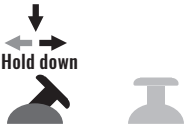
Forward / Backward Trimmer

During the flight, if the drone tilts forward, hold down the left stick in the center button, and push the right stick backwards to adjust. Otherwise push forwards.



Left and right side flying trimmer

During the flight, if the drone tilts left, hold down the left stick in the center button, and push the right stick right to adjust. Otherwise push left.



Left and right turning trimmer

During the flight, if the drone head rotates left, hold down the left stick in the center button, and push the left stick right to adjust. Otherwise push left.

Unlocking/locking the motor

Push the left and right stick inward to the 45 degree angle simultaneously.

① In standby, unlocked the motor and working.

② In Working, locked the motor and stop rotating.

Altitude Hold Mode

Intelligent flight control system calculates the hovering position, more stable control feature, makes it easier for beginners to control. Release the stick, the drone will keep hovering automatically to enable single hand operation.

Note: If the propeller is deformed or damaged, Altitude Hold Mode will fail.
If the atmospheric pressure is instability or Typhoon weather, Altitude Hold Mode can not work well.

Low Battery Alarm

Transmitter:

When the transmitter in low battery, the transmitter will continues to sound "di...di...di....." to remind the user to return home and replace the batteries of the transmitter as soon as possible.

Drone:

When the drone in low battery, the transmitter will continues to sound "di.di.di....." to remind the user to return home.

Out of range alarm

When the drone is out of the remote control distance, the transmitter will continues to sound "didi...didi...didi" to alarm the user to return the drone immediately.

Stuck Protection

① When the propellers get stuck, then activate stuck protection function and the motors stop running.

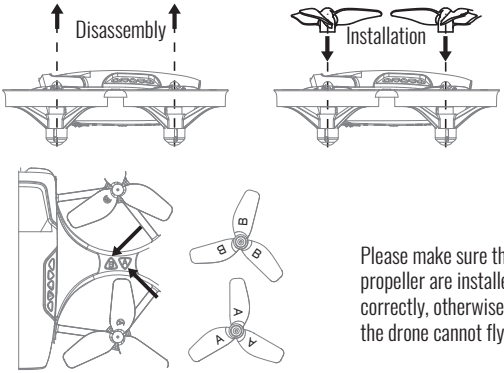
② Pull down the left stick to the lowest position and then go back to the center, stuck protection will be released and the drone can fly again.

Parts Replacement

Propeller Replacement

Disassembly: hold the propeller vertically and then pull the propeller out.
Installation: mount propeller aim the central shaft of the motor and press down.

There is different A and B remarks on the propeller. Be sure that the propellers are installed to the correct motors, which remarked the Letters to identify on the motor holder, if not, then the drone can not work normally.



Please make sure the propeller are installed correctly, otherwise the drone cannot fly.

Attention

① Switching sequence. At first, turn on the power of the transmitter, then turn on the power of the drone. After the end, turn off the power of the drone first, and then turn off the power of the transmitter.

② Improper operation caused the crash. It is necessary to check and confirm the connection of the motor， propeller or battery of the drone and the damage degree, so that the drone can fly again. If there is damaged, please replace the new accessories or prone to accident.

FCC 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 a ntenna.
- 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.

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

The equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. Modifications not authorized by the manufacturer may void user's authority to operate this device.

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.
(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition with out restriction.

⚠ WARNING

Warning: The product should only be used by adults and children over 14 years.
Adult supervision is required for children under 14 years.
Hinweis: Dieses Produkt ist für die Erwachsene und die Kinder ab 14 Jahren.
Die kinder unter 14 Jahren müssen von Erwachsenen beaufsichtigt werden.
Avertissement: Ce produit est destiné aux adultes et aux enfants de plus de 14 ans.
Les enfants de moins de 14 ans doivent être surveillés par des adultes.
Avvertimento: Questo prodotto è destinato all'uso per i adulti e bambini di età superiore ai 14 anni.
I bambini di età inferiore ai 14 anni devono essere sorvegliati da un adulto.
Advertencia: Este producto es para adultos y niños mayores de 14 años.
Los niños menores de 14 años deben ser supervisados por adultos.
警告: この製品は、大人と14歳以上の子供には使用対象です。14歳未満の子供は大人の監視が必要です。

DANGER!
Only suitable for age 14+

Manufacturer: SHANTOU CITY CHENGHAI UDIRC TOYS CO., LTD
Address: Guangfeng Industrial Zone, Guangyi Street, Chenghai District, Shantou City, Guangdong Province, CN

Model: U61S Manufacture time:

MADE IN CHINA