



DRONE MIRAGE CAMERA

HIGH PERFORMANCE UFO FOR RC ENTHUSIASTS FLIGHT MANUAL



M801R/H811C

Battery requirements for transmitter:

3 X 1.5V "AAA" size batteries (not included)

DRONE is equipped with a Li-Poly rechargeable battery,
please also pay attention to the following safety precautions:

- * Don't use or leave the battery near a heat source such as fire or heater.
- * Don't strike or throw the battery against any hard surface.
- * Don't immerse the battery in water, and keep the battery in a cool dry place.
- * When recharging, only use the battery charger intended for that purpose.
- * Don't over-charge the battery.
- * Don't directly solder the battery or pierce it with a nail or other sharp object.
- * Don't transport or store the battery together with metal objects.
- * Never charge the battery for more than one hour
- * Never leave charging battery unattended.



Note:

* Always dispose of old batteries responsibly

Safely Precautions

- Please read through the manual's before using.
- Please store small parts in a place well out of the reach of small children.
- Never leave the DRONE unattended during battery charging.
- Never throw any batteries in a fire.
- Never fly the DRONE near other people.
- Keep all body parts away from the copter while the rotor blades are spinning.
- Never try to repair circuitry, there are no serviceable electronic inside the DRONE or transmitter.

Flying Precautions

1. Keep small parts out of the reach of children, to avoid choking hazard.
2. The **DRONE** is powerful, when taking off, move the throttle stick forward gradually, to avoid it's rising too fast.
3. After flight, turn off the **DRONE** first, then turn off the controller.
4. Do not put the battery in high temperature or near heat source
5. Note, to avoid injury or damage, the **DRONE** should not be flown nearer than 2 meters / 7 feet from people or other obstacles.
6. Children should fly the **DRONE** under adult supervision only. Always keep the **DRONE** in clear sight while flying.
7. Always turn off the power of the controller and **DRONE** when not in use.

Battery Protection

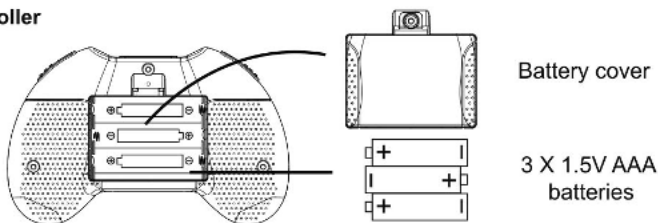
1. The **DRONE** is equipped with low-voltage protection: When it's battery is low, the programmed control system will stop electrical supply to **DRONE**'s rotors. The battery then needs charging to allow the **DRONE** to fly again.
2. The **DRONE** is equipped with over-current protection: When the drone blades are jammed, to prevent damage, the control system will stop electrical supply to rotors.

Maintenance

1. Clean the **DRONE** with clean, dry soft cloth only.
2. To avoid irreparable damage, keep the **DRONE** dry and away from water. Do not fly in rainy conditions.
3. Check the **DRONE** and accessories for damage. If damage is found, do not use the **DRONE** until it is repaired.

Battery Installation & Charging

Controller



1. **To install batteries:** Open the cover of battery case, insert 3 X 1.5V AAA batteries, according to indicated polarity (batteries not included).

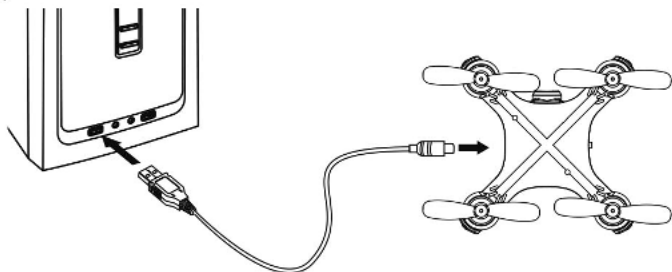
Battery installation should be done under adult supervision only!

Do not mix old and new batteries.

Do not mix different types of batteries.

Charging

1. Insert one side of the USB connector into the drone, and the other side into any computer USB port.



Controller

Record Video

Press once to record video, press again to stop recording video

Speed Select

Press down once to change speed (Listen to beeps)
Slow speed - one beep
Medium speed - two beeps
High speed - three beeps

Throttle /Left Stick

Headless mode

Press once into headless mode, press again to quit headless function

Power Indicator

Take picture

Press once to take picture

Trim Slider A

Flip

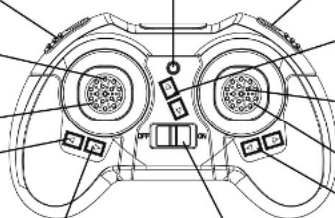
Press down once (one beep sounds) and then control rudder to perform flip function

Right Stick/Rudder

Trim Slider B

One key return function

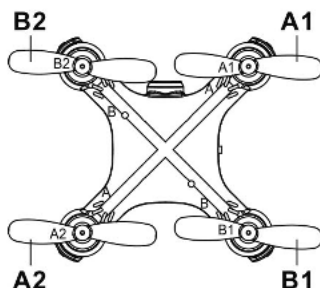
power switch



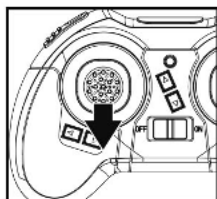
Drone

Replacing Damaged blades:

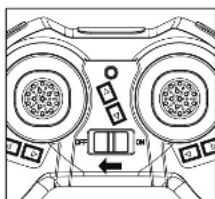
Your set will come with 4 replacement rotors, two (A) type and two (B) type. You will see the "A" and "B" word on the canopy, put the rotor on the motor accordingly.



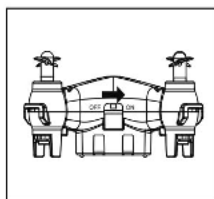
Operating steps



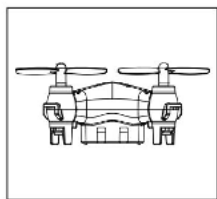
1. Put the throttle lever down.



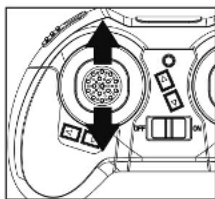
2. Turn on the controller



3. Turn on the **DRONE**
(The LED light on the drone flashes rapidly)



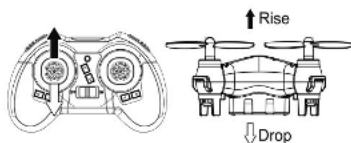
4. Place the **DRONE** at a level position.



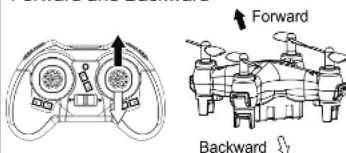
5. Push the throttle lever up and down, a beep will sound. The controller connects to the **DRONE**
(The LED light on the drone remains on).The **DRONE** is ready to fly.

Operation and Control

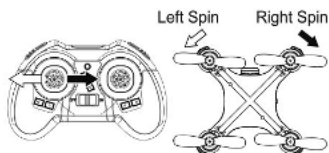
Up and down



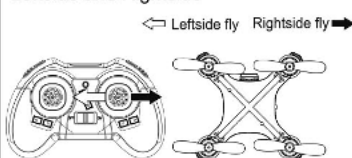
Forward and Backward



Left Spin and Right Spin



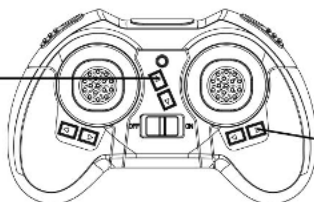
Leftside and Rightside



Note: When the drone is flying towards you, the control directions are reversed.

Trim fine tuning

Forward/backward
fine-tuning



Leftside/rightside
fine tuning

Backward Trim	← Forward	→	Backward Trimmer
Forward Trim	Backward →	←	Forward Trimmer
Leftside Trim	→	←	LeftSide trimmer
Rightside Trim	←	→	RightSide trimmer

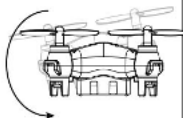
Radical Flips & Rolls

You can perform flips with your **DRONE** in any of the speed settings.
Press down the rudder once(one beep sounds) then push the rudder in related direction.

Left flip



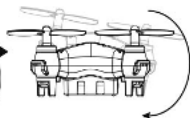
Press down the rudder once and then push the rudder to left



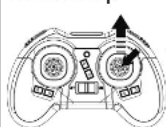
Right flip



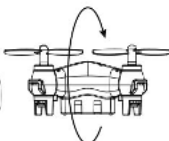
Press down the rudder once and then push the rudder to right



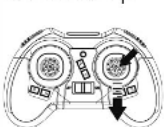
Forward flip



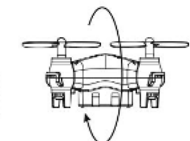
Press down the rudder once and then push the rudder to forward



Backward flip



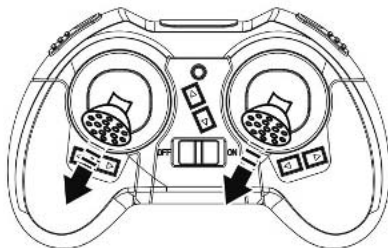
Press down the rudder once and then push the rudder to backward



Before you perform a Flip Trick, always make sure you have enough space both above and below your **DRONE**.

Auto trim function

Press the throttle and rudder down to 45 degree circle (as above) for 10 second, you will see the light on the PC board of drone flashing rapidly, then pls let go the throttle and rudder, the light on the PC board remains on, the auto trim finishes.



Headless function

HOW TO GET INTO/QUIT HEADLESS FUNCTION FLYING?

Press the button on controller(as picture shows) you will hear beep sounds then you get into compass mode flying.To quit from compass mode,just press it again and you will hear beep sound disappears.



HOW TO RECOGNIZE THE " FORWARD SIDE" UNDER HEADLESS FUNCTION?

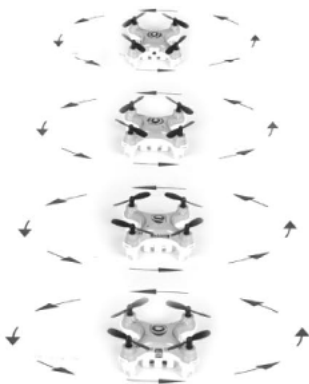
When the drone is taking off, the LED light on the drone stop flashing, at the moment, the drone sets its front side to be the front direction for headless mode flying.



If you want to reset the front direction, then you need to turn off the rc drone and reset it again.



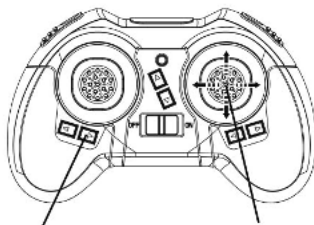
②



One key return function

When the drone is taking off, the LED light on the drone stop flashing, at the moment, the drone sets its front side to be the front direction for one key return flying. If you want to reset the front direction, then you need to turn off the rc drone and reset it again.

Press the button as picture shows for one key back home function, and then control right sticker (Rudder) to every direction to quit this function.



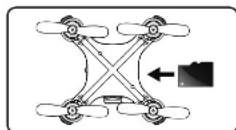
Press this button

Control the rudder to quit this function (every direction)

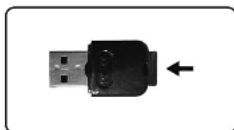
Instruction for camera using

Vga camera(0.3m pixel camera) Resolution:640*480

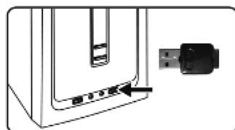
HOW TO REVIEWING PHOTOS/VIDEOS



1.Insert the TF card into rc drone



2.After flying, take the TF card out from camera and insert it into the TF card reader CORRECTLY.

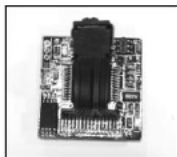


3.Insert the TF card reader into the computer, open " my computer" and you will find related file from which you can view photos and videos you took.

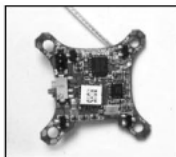
Spare parts list



Canopy



PC board(Camera)



PC board



Battery



Motor



Rotor



USB charger



SD card-card reader

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.

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.