Choose Wireless Adaptor to connect the radio controller and mobile device
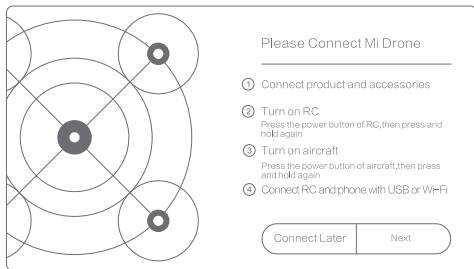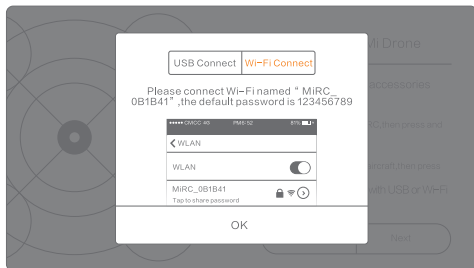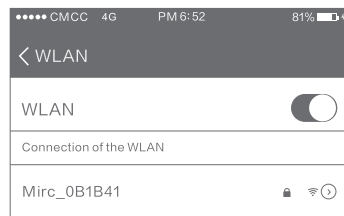
1．Open Mi Drone APP, select "Next" button.

Please Connect Mi Drone

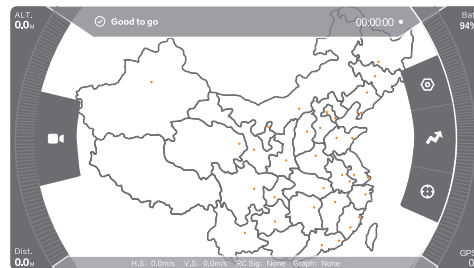① Connect product and accessories

② Turn on RC
Press the power button of RC,then press and hold again

③ Turn on aircraft
Press the power button of aircraft,then press and hold again

④ Connect RC and phone with USB or Wi-Fi

Connect Later   Next

2．Select "Wi-Fi connection" on the dialog box, tap "OK" button.

USB Connect   Wi-Fi Connect

Please connect Wi-Fi named "MiRC_0B1B41",the default password is 123456789

●●●●●CMCC 4G   PM6:52   81% ▪️

‹ WLAN

WLAN

MiRC_0B1B41
Tap to share password

OK

1．Connect "MiRC_XXXXXX" device, the default key is "123456789".

●●●●●CMCC   4G   PM 6:52   81% ▪️

‹ WLAN

WLAN

Connection of the WLAN

Mirc_0B1B41

2．Back to Mi Drone APP, APP will complete connection and go to MAP page automatically.

ALT.
0.0м

Good to go   00:00:00 ●

Bat.
94%

Dist.
0.0м

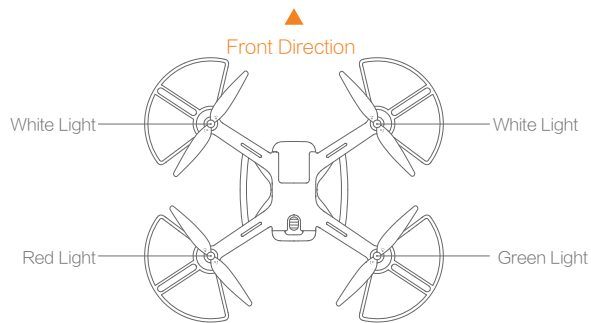H.S: 0.0m/s   V.S: 0.0m/s   RC Sig: None   Graph: None

GPS
0

Operation Guide

1. Running Mi Drone APP

Please ensure Mi Drone APP is running and mobile device, radio controller and aircraft are correct connection, then motor can start to work

2. Aircraft Direction

Front Direction

White Light

White Light

Red Light

Green Light

· Battery is at the aircraft tail direction, gimbal camera is at the aircraft head direction.

· When the aircarft is turned on, White color light indicate the head direction, red color light and green color light indicate the tail direction.

Note: During the flight, end-user should try to keep facing the tail direction always.

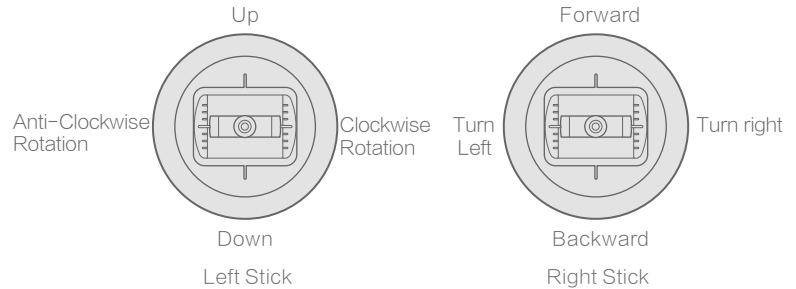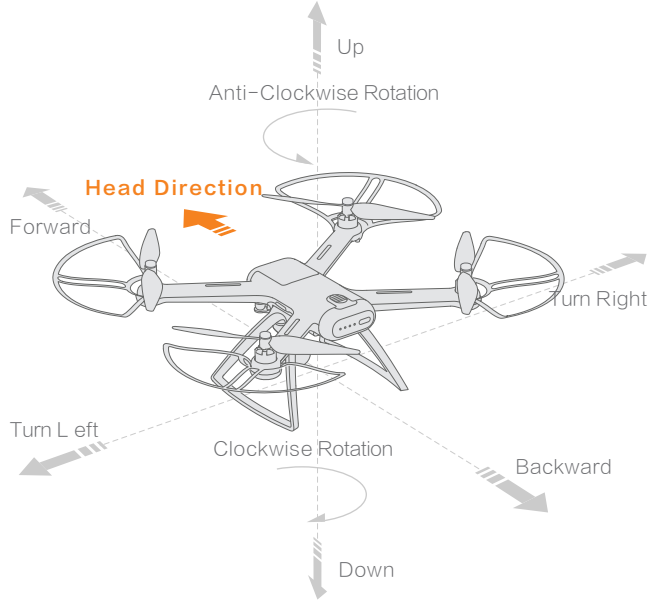## 3. Power on the aircraft and the radio controller
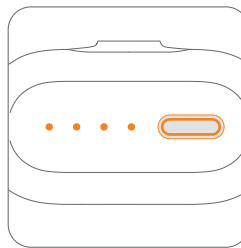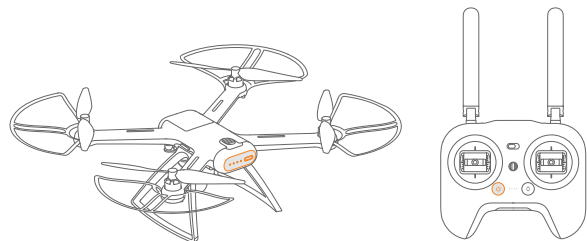
The same method to power on/off the aircraft and the radio controller.

· Press once to check the battery level

· Press once, then again and hold to turn on/off

Operation Guide

4. Radio Controller Sticks

Up

Anti-Clockwise Rotation

Head Direction

Forward

Turn Right

Turn Left

Clockwise Rotation

Backward

Down

Up

Anti-Clockwise Rotation

Clockwise Rotation

Down

Left Stick

Forward

Turn Left

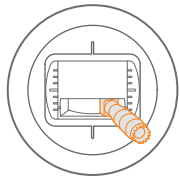Turn right

Backward

Right Stick

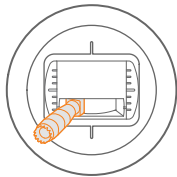Sticks setting can be changed in the Mi Drone APP

Note:
The orienations shown as above figure are base on the head direction.

Operation Guide

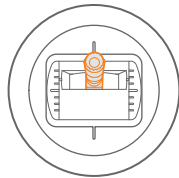## 5. Take-off and Landing

Left Stick   Right Stick

Push left stick upward slowly and steadily

. Pull and keep 2 sticks into shape V

. Release 2 sticks when motors start rotating

. Left stick up slowly to take off.
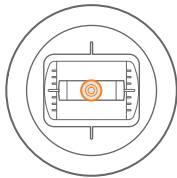
Note:
Before taking off, please ensure both key lights on the radio controller is white color.

Pull Slowly

. Left stick down slowly untill aircraft touch the ground.

. Hold left stick down at max level a few seconds untill motors stop rotating.

Note:
Once need to stop motors rotation emergency, please press and hold 2 keys a few seconds untill motors stop rotating.

Operation Guide

6.Gimbal Camera Power Up

Gimbal camera will start self-test and go into steady mode when aircraft is turned on.
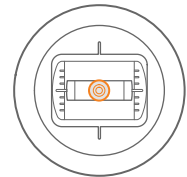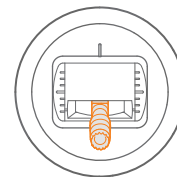
7.Gimbal Camera Tilt Angle Control

90°
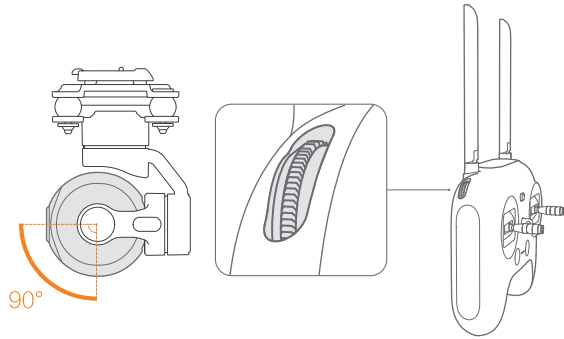
· Use the left roller on the radio controller to control gimbal camera tilt angle.

· The controllable angle range is 0° ~ 90° .

8.Take picture and vedio

Picture Button

Vedio Button
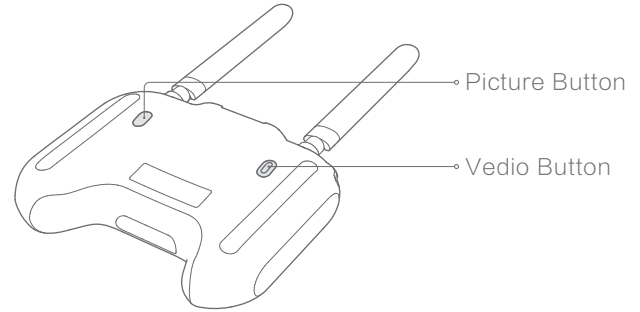
· here are 2 beeps when press picture button to take one picture.

· There are 2 beeps when press vedio button to start vedio recording, and 4 beeps when press vedio button again to stop vedio recording.

· During vedio recording, the power key on the radio controller will show notify light.

Operation Guide

9. Radio controller quick lanuch button
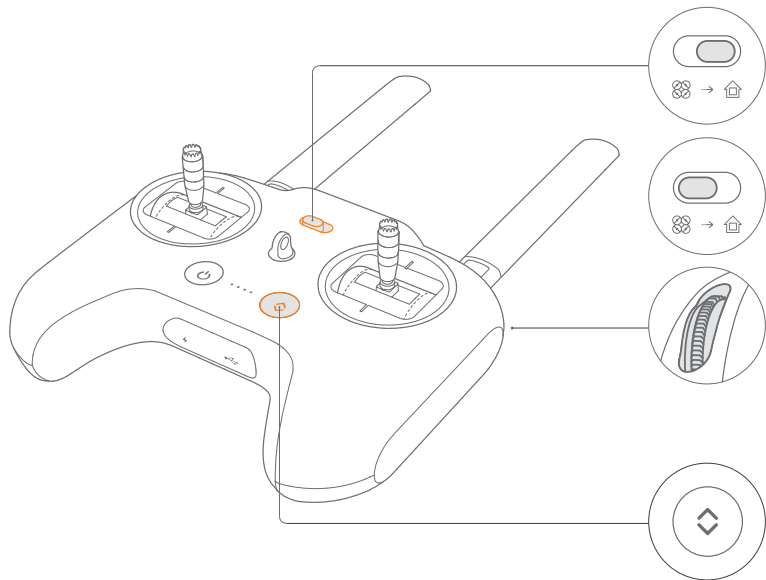
· Set the aircraft to the home mode. The aircraft will return to the last recorded Home Point and landing automatically.

· The auto return to home function can be interrupted when set the aircraft to the normal flight mode.

· The right roller on the radio controller can adjust the aircraft white light brightness. (The fucntion redefinition can be set by Mi Drone APP.)

· Press once, then again and hold a few seconds to make the aircraft take off automatically.

· Press once, then again and hold a few seconds to make the aircraft landing automatically.

Note:
Only when key light is white color, The Auto Takeoff and Auto Landing fucntion can be effective.

Maintenance and Calibration

1.Propellers

Propeller is liable to be damaged. please replace it with new one immediately once any damage happened. Damaged proellers will seriously affect flight performance.

2.Propeller frames (Option)

Propeller frame is liable to be damaged. please replace it with new one once any damage happened.

3.Battery

To avoid fire, serious injury, and property damage. Use of battery in low tempreture can reduce battery capacity seriously. DO NOT use the battery below −5° .

4.Aircraft Self Diagnostic Test

The aircraft will run self diagnostic test at each time power up. Mi Drone APP will show error message once failure happen.

5.Compass Calibration

In order to ensure flight safety. Mi Drone APP will notify and instruct the aircraft to do compass calibration when magnetic field environment is changed.

6.Matching Operation

When the aircraft or the radio controller were replaced, the matching operation is needed between the aircraft and the radio controller.

1.Power up the aircraft

2.Power up the radio controller and waiting 15 seconds. Then press and hold the radio controller power key untill the radio controller is beeping.

3.Remove the gimbal cover on the aircraft. Press matching key 1 second and release it.

4.When the power key light on the radio controller change to the white color, the matching operation is sucessful.

云台装卸开关

遥控器对码孔
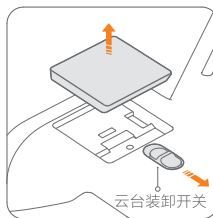
Maintenance and Calibration

7. Wireless Adaptor

1. Some model mobile devcie will show "No Internet assess" when wireless adaptor connected with the radio controller, please select "leave you on the same network".

2. To avoid any mismatching when several radio controller and several wireless adaptor to run pairing at the same time in one place, recommend that end user to change the wireless adaptor's SSID and Key

3. Once wireless adaptor's SSID or Key are changed, End user need to set KEY again when the first time pairing

4. The wireless adaptor and the radio controller are paired using. Wireless adaptor's SSID and Key will back to default value when the radio controller is changed to a new one.

8.Sticks calibration

Sticks need to do calibration if the radion controller is beeping when power up.

Please follow Mi Drone APP instuction to do sticks calibration.

Note: Please ensure the aircraft is power off before sticks calibration.

Indicator Description

1. Aircraft Indicator Description

	Indicator	Status
1	Slow White, green and red light flashing	Self diagnostic test
2	Solid White, green and red light	Self diagnostic test is failed Note: Mi Drone APP will report error message
3	Solid white light Slow red and green light flashing	Self diagnostic test is passed, aircraft is at ready status
4	White, green and red light flashing	Low battery warning
5	Fast white, green and red light flashing	Critical low battery warning

2. Gimbal Camera Indicator Description

	Indicator	Status
1	Solid white light	Image transmission connection is ready.
2	Slow white light flashing	Image transmission connection is not ready.
3	Solid red light	Camera is ready
4	Slow red light flashing	Vedio recording
5	White and red light flashing	Firmware upgrading.

3. Radio Controller Indicator Description

	Indicator	Status
1	Solid Power Key red light	The connection between the aircraft and the radio controller is not ready
2	Solid Power Key white light	The connection beteen the aircraft and the radio controller is ready
3	Power Key red light flashing	In matching mode
4	Power Key white light flashing	Firmware upgrading
5	Solid Auto Takeoff/Land key red light	Auto take off and landing function is disable
6	Solid Auto Takeoff/Land key white light	Auto take off and landing function is enable

Specifications

Aircraft
Model: WRJTZ02FM
Size: 310 x 380 x 190mm
Diagonal Size: 434mm
Weight: 0.75Kg(w/o battery)
Wireless:

Battery
Type: Rechargeable Li-ion Polymer Battery
Capacity: 5100mAh/15.2V(77.52Wh)

Charger
Input: 100-240V~ 50/60Hz 1.5A
Output: 16V === 2.9A

Camera
Weight: 0.18Kg
Aperture: f/2.8
Focus: (35mm format equivalent: 20mm)
Max Vedio recording Mode: 3840 x 2160p/30fps
Max Image Size: 4072 x 3044
Max Bitrate Of Vedio: 65Mbps

Radio Controller
Weight: 0.47Kg
Frequency Band: 5GHz
Battery Type: Li-ion Battery
Battery Capacity: 5000mAh/3.7V(18.5Wh)
Charging input: 5V === 2A

Working Temperature: 0-40
Working Altiture: 不大于5000m

Wireless adapter
Model: WRJDG01FM
Size: 45 x 18 x 8.4mm
Weight: 5.10g
operation frequency: 2.4G

Accessories

Name	Model No.
Quick-detachable Propellers	LXJ02FM
Propeller Frame	FZJ01FM
Radio Controller	YKQ02FM
Gimbal Camera	YTXJ02FM
Battery	DC01FM
Auxiliary Positioning Module	DW01FM
Wireless Adaptor	WRJDG01FM

Regulatory Notice for Users in EU

Hereby, Fimi declares that the wireless equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
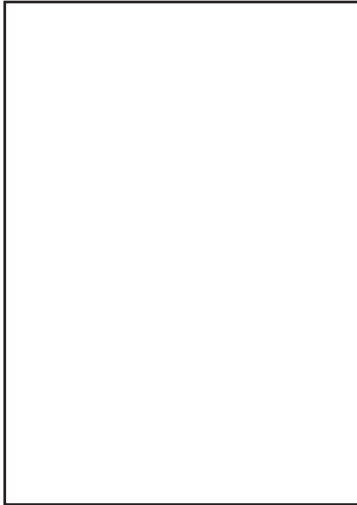
WEEE Disposal and Recycling Information

Correct Disposal of this product. This marking indicates that this product should not be disposal with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

Federal Communications Commission Declaration of Conformity

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 an authorized dealer or service representative for help.
Fimi is not responsible for any radio or television interference caused by using other than specified or recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

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.

Responsible Party:

Regulatory Notice for Users in USA

USA — Federal Communications Commission (FCC)
This device are granted with following FCC ID by Federal Communications Commission (FCC)

FCC ID: 2AG53FXQ02FM	Name: Mi Drone	Model: FXQ02FM
FCC ID: 2AG53YKQ02FM	Name: Radio Controller	Model: YKQ02FM
FCC ID: 2AG53WRJDG01FM	Name: Wireless Adapter	Model: WRJDG01FM

RF exposure warning
❚ This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

SAR Statement(only apply to FCC ID: 2AG53YKQ02FM IC: 21054-YKQ02FM   Name: Radio Controller Model: YKQ02FM FCC ID: 2AG53WRJDG01FM   IC: 21054-WRJDG01FM   Name: Wireless Adapter Model: WRJDG01FM)
SAR Déclaration
This equipment complies with FCC&ISED SAR limits ,the highest SAR value reported to the FCC and ISED for this device is YKQ02FM: 1.08W / KG; WRJDG01FM:0.463W / KG.
Cet équipement est conforme aux limites FCC&ISED SAR, la valeur SAR la plus élevée rapportée à la FCC et ISED pour cet appareil est YKQ02FM: 1.08W / KG; WRJDG01FM:0.463W / KG.

Industry Canada Class B Emission Compliance Statement

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Regulatory Notice for Users in Canada

This device are granted with following IC ID by Industry Canada (IC)
IC: 21054-WRJDG01FM Name : Wireless adapter   Model : WRJDG01FM
IC: 21054-FXQ02FM   Name : Mi Drone   Model : FXQ02FM
IC: 21054-YKQ02FM   Name : Radio Controller   Model : YKQ02FM

IC Statement
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the
following two conditions: (1) this device may not cause interference, and (2) this device must accept any
interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.
L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage,
et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage
est susceptible d'en compromettre le fonctionnement.

IC RF Exposure statement
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:
Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement
non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la
source de rayonnement et votre corps.

i. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall
be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as
appropriate; and

i. pour les dispositifs munis d'antennes amovibles, le gain maximal d'antenne permis (pour les dispositifs utilisant la bande
de 5 725 à 5 850 MHz) doit être conforme à la limite de la p.i.r.e. spécifiée pour l'exploitation point à point et l'exploitation non
point à point, selon le cas;