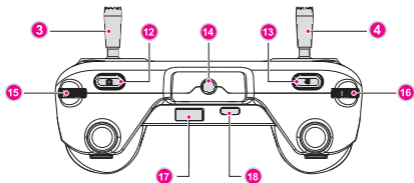
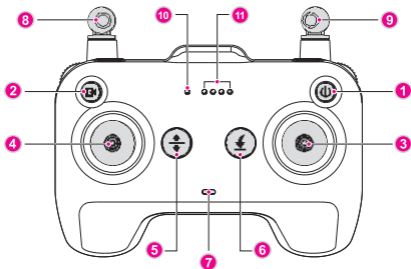


Drone Remote Controller User Manual

V1.0

Part Name



- | | | |
|--------------------------|----------------------------|----------------------------------|
| 1 Power Button | 7 Status Indicator | 13 Video Recording Button |
| 2 Media Button | 8 Left Antenna | 14 Smartphone Locking Screw Hole |
| 3 Right Joystick | 9 Right Antenna | 15 Camera Settings Dial |
| 4 Left Joystick | 10 Power Indicator | 16 Gimbal Dial |
| 5 Takeoff/Landing Button | 11 Battery Level Indicator | 17 USB Port |
| 6 Auto Return Button | 12 Shutter Button | 18 Charging Port |

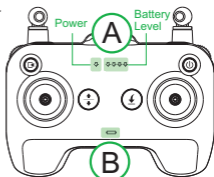
Indicator Description

A Power Indicator & Battery Level Indicator

Lead



Battery Level Indication Rules



Motherboard Upgrading

WiFi Module Upgrading

Power Indicator

Upgrade preparation solid on ●

Upgrade preparation solid on ●

Battery Level Indicator

Upgrading flash slowly ●●●●●
 Upgrade successfully both on for 5 seconds ●●●●●
 Upgrade failed both flash quickly ●●●●●

Upgrading both flash slowly ●●●●●
 Upgrade successfully both on for 5 seconds ●●●●●
 Upgrade failed both flash quickly ●●●●●

Important!

The buzzer will give sound alarming when the battery level is lower than 10%. Make sure to charge the remote controller (RC) before using.

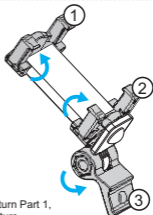
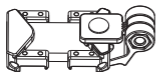
B Status Indicator

Lead



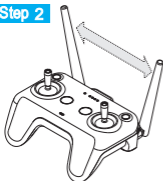
Mounting the Smartphone Holder

Step 1



Take the smartphone holder kit out of the package and turn Part 1, Part 2 and Part 3 to the right position as shown in the picture.

Step 2



+

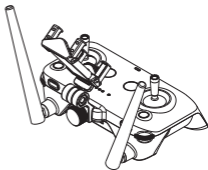
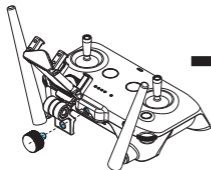


+



Take out the body part and splay the antennas. Put aside the properly adjusted smartphone holder and the hand-twisted screw for later use.

Step 3



Mount the smartphone holder to the body part with the hand-twisted screw as shown in the picture.



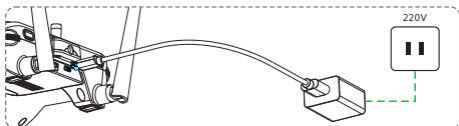
Important!

Make sure to tighten the clamps on the RC to prevent the mobile device from slipping.

RC Preparation

Charging the RC

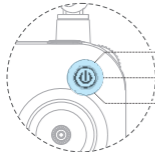
Connect the Type-C USB charging cable of the standard charger to the RC charging port as shown in the following picture. The battery level indicator will be rolling to inform the user that the RC is now charging. The 4 battery level indicators will go solid when fully charged.



Make sure that the battery is fully charged prior to every flight. Recharge and discharge the battery at least once every 3 months to maintain battery health.

Turning on/off the RC

The RC status indicator will show the battery level of the built-in rechargeable batteries. Take the following steps to turn on the RC:



- 1 Press the button once to check the current battery level
- 2 Press the button once, then press and hold for 3 seconds to turn on the RC
- 3 Provided that the RC is on, repeat Step 2 to turn off the RC

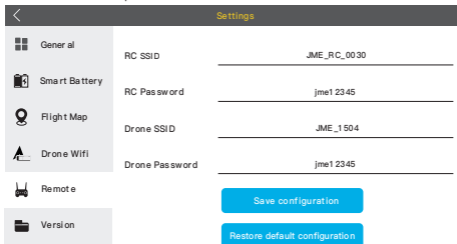
Spaying the Antennas and the Handle



The signal is the strongest when the antennas are splayed apart from each other. Broken antennas will affect the performance of the RC, please get it fixed as soon as possible.

Connecting the Aircraft to the RC

1. Turn on the aircraft to be connected.
2. Connect the smartphone to the WiFi of the RC: JME_RC_####; Default password: jme12345 (case sensitive).
3. Launch the RC Setting page of the APP and enter the SSID and password (case sensitive) of the aircraft to be connected. Save and select "Save Configuration and Restart WiFi" (see following picture). The RC WiFi will now restart automatically (The power indicator changes from flashing slowly to solid on).
4. Wait for the RC WiFi to get restarted (The power indicator changes from flashing slowly to on). The RC will now enter into the Drone Scanning Mode (The status indicator slowly flashes blue) until successfully connected to the aircraft (The status indicator is solid green). It will take 1-2 minutes.
5. Reconnect the smartphone to the RC WiFi and launch the APP.

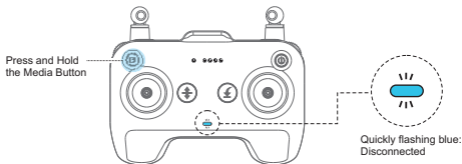


The power indicator slowly flashes after RC WiFi gets restarted.

Once connected, there is no need to repeat the above procedures unless disconnected manually.

Changing the Aircraft Connected to the RC

1. Press and hold the Media Button (as shown in the following picture) for over 10 seconds until the RC gets restarted (The RC Status Indicator goes solid).
2. Wait for the RC to get restarted (See above "Connecting the Aircraft to the RC" part).



Important!

Make sure to turn on the aircraft before turning on the RC.

Controlling the Aircraft

The factory default control method of the RC (including the virtual joystick) is "American Hand". The left joystick controls the altitude and direction of the aircraft. The right joystick controls the forward, backward, left and right movements of the aircraft. The gimbal dial can control the tilt of the gimbal.

Important! American Hand: The left joystick of the RC serves as the throttle;

Important! Japanese Hand: The right joystick of the RC serves as the throttle;



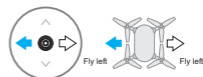
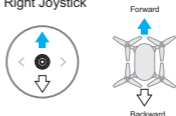
Note: Japanese Hand is available on J.ME Fly. Please see the following picture for the American Hand and Japanese Hand control methods.

American Hand

Left Joystick

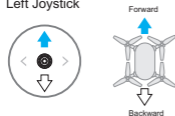


Right Joystick

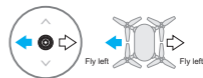
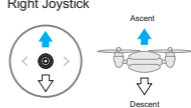


Japanese Hand

Left Joystick



Right Joystick



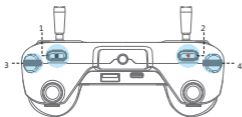
Terms

RC Neutral/Mid-Point: The RC joysticks are in the middle position.

Joystick Deviation: To which extent the joysticks are deviated from the middle position.

Controlling the Camera and the Gimbal

Use the RC "Shutter Button", "Video Recording Button", "Camera Settings Dial" and "Gimbal Dial" to control the camera and browse photos or videos.



1. Shutter Button



Single Shoot, Burst Shoot and Time Lapse Modes are available via J.ME Fly.

2. Video Recording Button



Press the button to start recording and press again to stop recording.

3. Camera Settings Dial



When using in combination with the J.ME Fly, turn the dial to quickly adjust the camera settings. Check camera settings with the dial.

4. Gimbal Dial



The gimbal will rotate upwards when the gimbal is turned clockwise. The gimbal will rotate downwards when the gimbal is turned counterclockwise.

5. Media Button



Press the Media Button to preview the existing photos and videos.

Stopping the Motors

There are two methods to stop the motors:

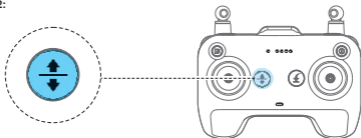
Method 1:



Performing toe-in action on the RC will shut down the motors instantly.

⚠ Please be extra cautious and use this feature only in emergency during the flight!

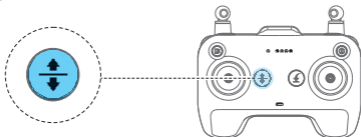
Method 2:



After the aircraft takes off, press the Takeoff/Landing Button, the aircraft will return to the ground from the current altitude and the motors will shut down;

Takeoff/Landing

1. Takeoff/Landing Button: Press and hold the button for 3 seconds, the aircraft will take off vertically from the current position to 1m and keep hovering. Press the button again, the aircraft will return to the ground from the current altitude and the motors will then shut down;



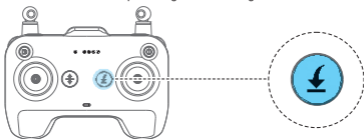
2. Manual Landing (Continuously pull the throttle to the lowest position for 3 seconds at an altitude of 1 meter, the aircraft will return to the ground automatically and the motors will shut down).

Calibrating the RC Compass

After the aircraft is turned on, press and hold the Shutter Button for 3 seconds. The aircraft enters into the Compass Calibration Mode when the status indicator goes solid red. The user can now calibrate the compass as stipulated.

Auto Return Button

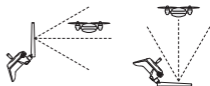
Press and hold the button for 3 seconds until the buzzer gives sound alarming. The Auto Return feature is now activated and will bring the aircraft to the latest recorded Home Point. The user can control the position of the aircraft with the RC during this period. Press the button again to end this procedure. The aircraft will keep hovering until the RC regains control over it.



RC Transmission Range



Optimal Transmission Range



Make sure that the aircraft is flying within the optimal transmission range. Adjust the antennas or the distance between the operator and the aircraft timely to ensure excellent transmission performance.

Important

When using the RC, keep away from magnetic substances (e.g. magnets or sound box) to avoid interference. Keep space between the RC and the container to protect the joysticks from squeezing deformation.

RC Specification

Operating Frequency: 2.412—2.462GHz

Max Transmission Distance (Only possible when flying at an altitude of nearly 50 meters in an open area with no electromagnet interference): Image Transmission Distance: 600 meters; Data Transmission Distance: 600m

Operating Voltage 950mA @3.7V

Charger

Voltage 5V

Rated Power 18W

FCC Statement:

15.21

Changes or modifications made to this equipment not expressly approved by Shen Zhen Feima Robotics Co.,Ltd may void the FCC authorization to operate this equipment.

15.105

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.

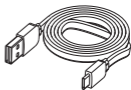
Consult the dealer or an experienced radio/TV technician for help.

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This model (FCC ID: 2AK7UFM4000) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for properly worn on the body is 0.799 W/kg. This device was tested for typical body-worn operations with the back of the EUT kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 0mm separation distance between the user's body and the back of the EUT. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

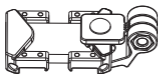
In the Box



RC Body × 1



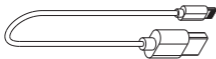
Charging Cable × 1



Smartphone Holder × 1



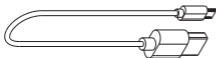
Hand-twisted Screw × 1



Apple Micro USB × 1



Power Adapter × 1



Micro USB Cable × 1



User Manual × 1

Battery Safety Guidelines

Glossary

The following terms are used to indicate various levels of potential hazards caused by misoperation.

NOTICE: Operating without properly following the guidelines may cause property losses or minor injuries.

CAUTION: Operating without properly following the guidelines may cause property losses or serious injuries.

WARNING: Operating without properly following the guidelines may cause property losses, major accidents or serious injuries.



WARNING!

Read the ENTIRE user manual to get familiar with the features of this product before operating. Failure to operate this product properly can result in damages to the product or personal property and cause serious injuries. This product is designed for use with drones. The use of this product is very sophisticated. It must be operated with caution and common sense and will take some time to get familiar with it. Lack of strong safety consciousness or misoperation can result in damages to the product and other devices connected to the product and personal property, and even serious injuries. This product is not intended for use by children. Make sure to strictly follow the instructions in the User Manual. This Safety Guidelines contains instructions on safety, operation and maintenance. Make sure to read and follow all of the instructions and warnings in the Safety Guidelines and the User Manual before assembling, setting or using this product.

RC Battery Safety Guidelines



WARNING: Failure to charge or store the battery properly can result in fire, property damage or serious injuries. Make sure to use the battery in compliance with the following safety guidelines.

1. Do not disassemble the battery by yourself. Removing the built-in battery is not allowed. Please replace the battery at after-sales service offices.
2. The ambient temperature for battery should be 10-40°C. If the temperature is too high (higher than 60°C), the battery may catch fire and even explode. If the ambient temperature is too low (lower than 10°C), the battery life may be shortened.
3. Do not disassemble the battery in any way, or it may catch fire and even explode.
4. Battery electrolyte is highly corrosive. Keep away if there is a leak. If any electrolyte contacts your skin or eyes, immediately wash affected areas with fresh running water for at least 15 minutes and see a doctor immediately.
5. If there is a fire caused by improper use of the battery, we recommend you use solid fire extinguisher in the following order: Water or mist water, sand, fire extinguisher blanket, powder and Co2 extinguishers.
6. Do not put the battery in a microwave oven or pressure cooker.
7. Do not put battery cells on any conductive surfaces.
8. Do not use wires or any other metal objects to short-circuit the positive and negative poles of the battery.
9. Do not strike the battery. Do not place anything heavy on the battery or the charger.
10. Do not throw the battery into the fire or place the unused battery near heat sources. Otherwise, the insulation protection layer in the battery will be melted and the safety valve and other structures will be destroyed. The battery will overheat and may catch fire or even explode.
11. Always use batteries recommended by Feima. Feima is not responsible for any battery-related accidents or flight failures caused by using non-Feima batteries.

Charging

1. The charger is only applicable for specified product in accordance with certain instructions.
2. Always use Feima approved charger. Feima is not responsible for any consequences caused by using non-Feima chargers.
3. When charging, put the RC and the charger on cement floor or other grounds where there is no flammable objects. Take care and avoid any accidents.
4. Do not charge the battery when the ambient temperature is too high ($\geq 45^{\circ}\text{C}$) or too low ($\leq 0^{\circ}\text{C}$) The ideal ambient temperature for charging (10-40°C) can greatly extend battery life.
5. Do not continue to charge the battery if it is not fully charged within the set time, or it may cause overheat, fire or explosion.
6. Unplug the charger from the RC once it is fully charged. Check and maintain the charger regularly. Do not clean the charger and the battery with alcohol or any other flammable cleaners. Do not use damaged charger.

Battery Safety Guidelines

Storage and Transportation

1. Keep the battery out of the reach of children. If the child swallows the components, seek emergency medical assistance without any delay.
2. Do not leave the RC near heat sources such as in direct sunlight, in a furnace, heater or inside the car in hot days. The ideal storage temperature is 22-28°C.
3. Keep the battery dry. Do not place the battery in water or where it may leak.
4. Do not strike, crush or impale the battery. Do not drop the battery or manually short-circuit the battery.
5. Do not storage or transport the battery together with glasses, watches, jewelry, hairpins and other metal objects.
6. Do not transport damaged batteries. Discharge the battery to lower than 30% for air transportation.
7. Never put the battery in ESD protected areas beyond those defined by the manufacturer, or it may damage the battery protection mechanism and result in overheat, explosion or fire.
8. All the batteries are up to certain specification during manufacturing and checking before delivery. Return the battery to where it was purchased if you find anything abnormal regarding its smell.

Disposal

Dispose of end-of life batteries into specific recycling boxes only after they are fully discharged. Do not simply dispose of batteries into regular garbage bins. The disposal and recycling of batteries is subject to detailed local rules and regulations.

Maintenance

1. Never use the charger when the ambient temperature is too high or too low.
2. Never storage the battery where the temperature is higher than 60°C.
3. Fully charge the battery and keep it at appropriate temperatures before flying at low temperatures (-10-5°C), or the battery capacity will be significantly reduced which may lead to much shorter flight time.
4. Never use the battery in environments with a temperature lower than 10°C.
5. When flying at low temperatures (-10-5°C), preheat the RC to higher than 5°C (higher than 20°C will be better) before using.

Storage and Transportation

1. Discharge the battery to 60-75% if it will not be used for 10 days or more. This can extend the battery life. Discharge fully charged batteries with the RC.
2. Do not store the battery for a long time after fully discharging it, for example, when the RC battery runs out. Otherwise, you may risk over-discharging the battery which may lead to irreparable damage to the battery cells.
3. Recharge the battery to 60-70% every 2 months, and make adjustments based on the actual storage conditions and power consumption of the system.
4. The battery will enter hibernation mode if it has been depleted and idled a long period. Recharge the battery to bring it out of hibernation.
5. Remove the battery from the aircraft for long-term storage.

Maintenance

1. Never overcharge the battery or it will do harm to the battery cells.
2. Keeping the battery idle for a long time will affect its performance.

It is recommended that the battery should be recharged and discharged at least once every 3 months to maintain battery health and extend the battery life.

Warranty Card

Purchase Information

Serial No : _____ Purchase Date : _____

Dealer : _____ Telephone : _____

Address : _____

User Name : _____ Telephone : _____

Address : _____

Maintenance Records

Repair Date	Fault and Repair Conditions

This product is guaranteed for a period of 12 months for any product quality issues caused by non-arbitrary damages or defects. Feima Robotics Co.,Ltd reserves all the right for final explanation!

In need of maintenance service, please contact your dealer, or contact customer service in the following ways:

Email: J.ME_service@feimarobotics.com

TEL: 4008109891

