FAKJANK F417

FAKJANK F417 Drone User Manual

Model: F417-A

1. Introduction

Thank you for choosing the FAKJANK F417 Drone. This mini RC quadcopter is designed for both beginners and adults, offering an immersive flying experience with its 1080P HD camera and vibrant RGB LED lights. Its foldable design and user-friendly controls make it an excellent choice for capturing stunning aerial footage and enjoying recreational flight.

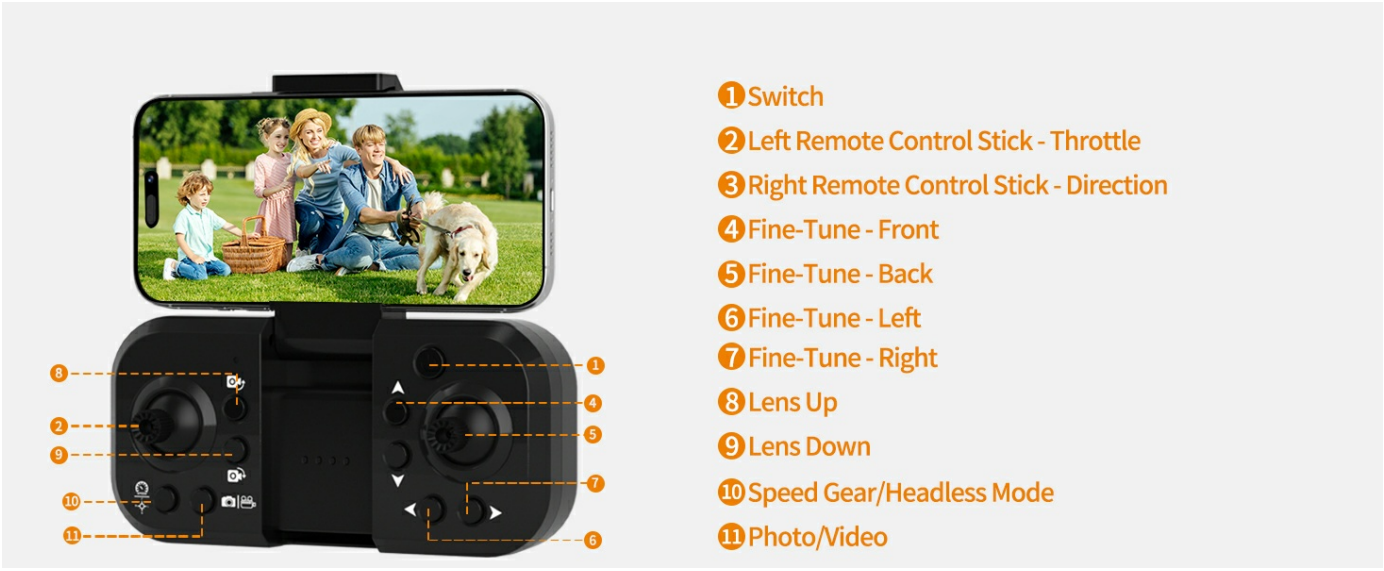
Key features include a 90° electric adjustable lens, live FPV video, 360° flip capabilities, one-key takeoff/landing, and a durable brushless motor. Please read this manual thoroughly before operating your drone to ensure safe and optimal performance.



The FAKJANK F417 Drone, its remote control, and the included carrying case.

2. What's in the Box

- F417 Drone x 1
- Remote Control x 1
- Battery x 1
- USB Charging Cable x 1
- Carrying Case x 1
- Propeller x 4 (spare)
- Screwdriver x 1
- Instruction Manual x 1

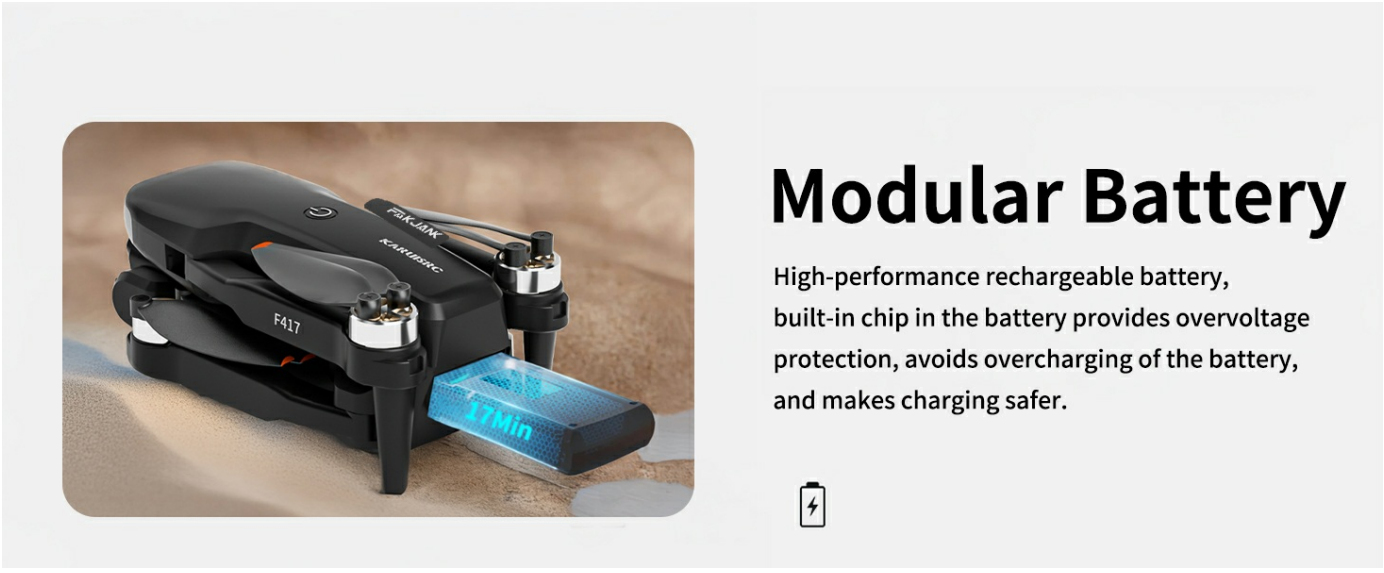


All components included in the FAKJANK F417 Drone package.

3. Setup Guide

3.1 Battery Installation and Charging

1. Ensure the drone and remote control are powered off.
2. Insert the modular battery into the drone's battery compartment until it clicks securely into place.
3. Connect the USB charging cable to the drone's battery port and a suitable USB power source (e.g., computer, USB wall adapter).
4. The charging indicator light will show the charging status. Once fully charged, disconnect the cable.



The F417 drone features a high-performance modular battery for extended flight time.

3.2 Propeller Attachment (if necessary)

The F417 drone typically comes with propellers pre-installed. If replacement is needed:

1. Identify the correct propeller type (A or B) for each motor arm. Propellers are marked.
2. Align the propeller with the motor shaft and press down firmly until it locks into place.
3. Ensure all propellers are securely attached and rotate freely without obstruction.

3.3 Remote Control Setup

1. Install 3 AAA batteries (not included) into the remote control's battery compartment.
2. Extend the phone holder on the remote control and securely place your smartphone.
3. Download and install the FAKJANK drone app from your device's app store.



The F417 drone supports dual control via the mobile app and the dedicated remote control.

4. Operating Instructions

4.1 Power On and Pairing

1. Place the drone on a flat, level surface.
2. Press and hold the power button on the drone until the LED lights illuminate.

3. Turn on the remote control. The remote will automatically pair with the drone. A successful pairing is indicated by a solid light on the drone.
4. On your smartphone, connect to the drone's Wi-Fi network (usually named 'FAKJANK-F417-XXXX'). Open the FAKJANK app to view the live FPV feed.

4.2 Basic Flight Controls

The F417 drone offers intuitive controls for easy operation:

- **One-Key Takeoff/Landing:** Press the dedicated button on the remote or app to automatically take off or land.
- **Altitude Hold:** The drone maintains a stable altitude, making it easier to control direction.
- **Headless Mode:** Eliminates the need to adjust the drone's position before flight, as the forward direction is always the direction the pilot is facing.
- **360° Flip:** Execute impressive aerial stunts with a single button press.
- **Speed Adjustments:** Cycle through 3 different speed modes (low, medium, high) to suit your skill level and environment.



The F417 drone features one-key takeoff/landing, a powerful brushless motor, and three speed adjustments.

4.3 Camera Operation

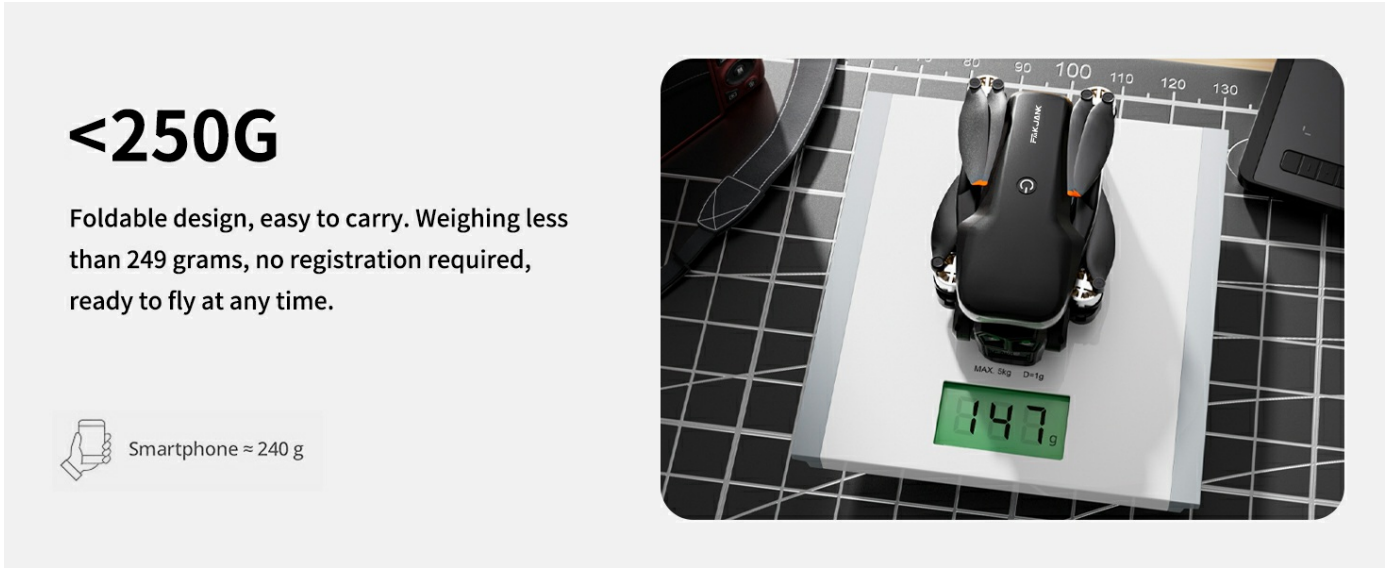
The F417 drone is equipped with a 1080P HD camera and a bottom camera for versatile shooting.

- **Photo/Video Capture:** Use the dedicated buttons on the remote or within the app to take photos or start/stop video recording.
- **90° Electric Adjustable Lens:** Adjust the camera angle remotely via the app or remote control for optimal framing.
- **FPV Live Video:** View real-time footage from the drone's camera directly on your smartphone.
- **Gesture Control:** Perform specific hand gestures in front of the camera to trigger photo or video capture.





The F417 drone's 1080P HD FPV camera with 90° electric adjustable lens.



Detailed view of the F417 drone's camera and other key components.

4.4 Advanced Features

- **Tap Fly:** Draw a flight path on your smartphone screen, and the drone will automatically follow it.
- **Optical Flow Positioning:** Provides stable hovering and precise positioning, especially useful for indoor flight.
- **Colorful LED Lights:** Equipped with RGB LEDs for enhanced visibility and aesthetic appeal, especially during nighttime flights.



The F417 drone features vibrant colorful LED lights for enhanced visibility and aesthetic appeal.

Official FAKJANK video demonstrating the F417 drone's colorful LED lights and flight capabilities.

5. Maintenance and Care

- **Cleaning:** Use a soft, dry cloth to clean the drone body and camera lens. Avoid using harsh chemicals.
- **Propellers:** Regularly check propellers for damage (cracks, bends). Replace any damaged propellers immediately using the included spares.
- **Battery Storage:** Store batteries in a cool, dry place away from direct sunlight. For long-term storage, charge batteries to about 50% capacity.
- **Motor Care:** Keep motors free from dust and debris. Avoid operating the drone in sandy or dusty environments.
- **Folding:** When folding the drone arms, do so gently to avoid damaging the hinges or internal wiring.

6. Troubleshooting

Problem	Possible Cause	Solution
Drone does not power on	Low battery; Battery not installed correctly	Charge the drone battery; Reinstall battery securely
Drone does not pair with remote	Remote batteries low; Not following pairing steps	Replace remote batteries; Follow power on and pairing steps carefully
Unstable flight / Drifting	Not calibrated; Wind interference; Damaged propellers	Perform gyroscope calibration; Fly in calm conditions; Replace damaged propellers
No FPV feed on app	Not connected to drone Wi-Fi; App not open/crashed	Connect to drone's Wi-Fi network; Restart app and drone
Poor camera quality	Dirty lens; Low light conditions	Clean camera lens; Fly in well-lit areas

7. Specifications

Feature	Detail
Brand	FAKJANK
Model Name	F417
Item Model Number	FJMY2024071403
Color	Black
Material	Plastic
Item Weight	143 Grams (approx. 5 ounces)
Product Dimensions	0.65"L x 0.49"W x 0.16"H
Video Capture Resolution	1080p
Video Output Resolution	1920x1080 Pixels

Feature	Detail
Connectivity Technology	Wi-Fi
Control Type	Remote Control
Battery Capacity	2000 Milliamp Hours (3.7V)
Battery Cell Composition	Lithium Ion
Special Features	360 Degree Flip, Adjustable Camera, RGB LED Lights, One-Key Takeoff/Landing, Headless Mode, Optical Flow Positioning
Skill Level	All (Beginner/Adult)

8. Warranty and Support

FAKJANK provides a standard manufacturer's warranty for the F417 Drone. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or any inquiries regarding your product, please contact us directly:

- **Email:** fakjank@gmail.com
- **Website:** FAKJANK Official Store

Our support team is available to assist you with any product-related questions or concerns.



Contact FAKJANK support for assistance.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question