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› Contixo F28A Premium Drone Instruction Manual

Contixo F28A

Contixo F28A Premium Drone User Manual

Model: F28A

1. INTRODUCTION

The Contixo F28A Premium Drone is a high-performance quadcopter equipped with a 4K camera, 2-axis gimbal, and Electronic Image Stabilization (EIS). Designed for both beginners and experienced pilots, it offers intelligent flight modes, extended flight time, and a robust control range. This manual provides essential information for safe operation, setup, and maintenance of your drone.



Image 1.1: The Contixo F28A Premium Drone in flight.

2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- Contixo F28 Premium Drone x1
- Battery x1 (7.7V 1820mAh Li-Po)
- Transmitter (Remote Control) x1
- Blades x8 (4 installed, 4 spare)
- Landing Gear x1
- Charging Cable x1
- Waterproof Carry Case x1
- User Manual x1



1 x Drone



1 x Waterproof Carry Case



1 x Remote Control



1 x Extra 4 sets of Propellers



1 x 7.7V 1820 mAh
Li-Po Battery



1 x Charging Cord



1 x Manual

Image 2.1: All items included in the Contixo F28A Premium Drone package.

3. PRODUCT OVERVIEW

The Contixo F28A drone features a compact, foldable design for portability. Key components include the 4K camera with a 2-axis gimbal, brushless motors, and an intelligent flight battery.

COMPACT DESIGN

Allows the Quadcopter Arms & Propeller Blades to be Folded.

WEIGHT LESS THAN
249 g / 0.55 lbs

You don't need to register your drone with the government.

2 in / 5.6 cm

3 in / 8.5 cm

6 in / 14.5 cm



Image 3.1: Dimensions of the Contixo F28A drone in both folded and unfolded states.

Compact Design with Brushless Motor

Intelligent Flight Battery flight time: 23 mins



Image 3.2: Illustration of the drone's compact design, brushless motor, and intelligent flight battery.

4. SETUP

4.1 Unfolding the Drone

1. Carefully unfold the front arms of the drone.
2. Unfold the rear arms.
3. Ensure all arms are securely locked into position.

4.2 Battery Installation

1. Insert the fully charged battery into the battery compartment on the rear of the drone until it clicks into place.
2. Press the power button on the battery once to check the charge level, then press and hold for 2 seconds to power on the drone.

4.3 Remote Control Setup

1. Install 4 AA batteries (not included) into the remote control.
2. Power on the remote control by pressing and holding the power button.
3. Attach your smartphone to the remote control holder.

4.4 App Connection and Linking

Download the Contixo F28 app from your smartphone's app store. Follow these steps to link the drone and remote:

1. Power on the drone and the remote control.
2. On your smartphone, go to Wi-Fi settings and connect to the drone's Wi-Fi network (e.g., "Contixo-F28-Premium-XXXX").
3. Open the Contixo F28 app. The app should display a live feed from the drone's camera once connected.
4. Wait for the drone to acquire sufficient GPS satellites (indicated by solid green lights on the drone and GPS status on the remote).

Video 4.1: Official Contixo F28 Premium Drone Linking Guide. This video demonstrates the steps for unfolding the drone, installing the battery, powering on the remote, and connecting to the app via Wi-Fi.

5. OPERATING INSTRUCTIONS

5.1 Pre-Flight Checklist

- Ensure drone and remote batteries are fully charged.
- Check propellers for damage and ensure they are securely attached.
- Verify GPS signal strength before takeoff.
- Ensure you are in an open area, free from obstacles and people.

5.2 Basic Flight Controls

Refer to the remote control diagram in the included manual for specific button functions. Common controls include:

- **Left Joystick:** Controls altitude (up/down) and yaw (rotate left/right).
- **Right Joystick:** Controls forward/backward and left/right movement.
- **One-Key Takeoff/Landing:** Press the designated button for automatic takeoff or landing.
- **Emergency Stop:** Press and hold the emergency stop button to immediately cut power to the motors (use only in emergencies).



Image 5.1: Visual representation of the one-key takeoff and landing function.

5.3 Smart Flight Modes

The F28A drone offers several intelligent flight modes for enhanced control and creative shots:

- **Follow Me:** The drone automatically follows the remote controller or a designated subject.
- **Waypoint:** Plan a custom flight path by setting multiple waypoints on the app map. The drone will fly along the specified route.
- **Orbit Mode:** The drone circles around a designated point of interest, maintaining a set distance and altitude.
- **Auto Return to Home (RTH):** The drone automatically returns to its takeoff point in case of low battery, signal loss, or manual activation.



Image 5.2: The drone actively following a person in Follow Me mode.



Image 5.3: The drone flying a pre-programmed route using Waypoint mode.

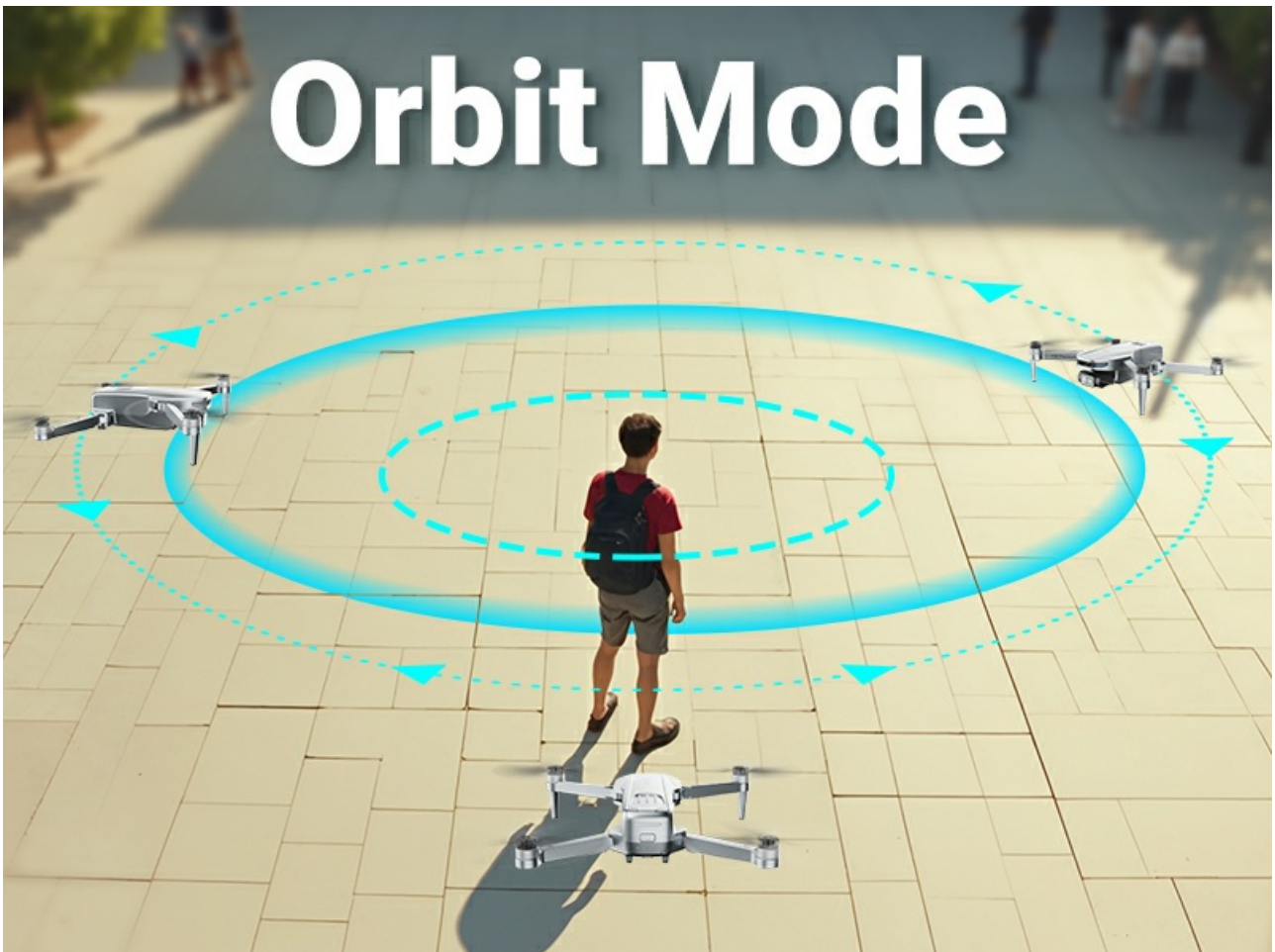


Image 5.4: The drone performing a circular flight path in Orbit Mode.



Image 5.5: Overview of GPS Intelligent Return functions, including Signal Loss RTH, Low Battery RTH, and One-key RTH.

6. CAMERA OPERATION

The F28A is equipped with a 4K UHD camera featuring a 2-axis gimbal and Electronic Image Stabilization (EIS) for smooth, high-quality footage.

- **Photo/Video Capture:** Use the dedicated buttons on the remote control or within the app interface to take photos or start/stop video recording.
- **Gimbal Control:** Adjust the camera's tilt angle using the dedicated dial on the remote control.
- **Gesture Control:** Perform specific hand gestures for photo and video capture (refer to the app for details).

CONTIXO®

4K UHD Camera

2-Axis Gimbal with EIS Anti-shake



Image 6.1: Close-up of the 4K UHD camera with 2-axis gimbal and EIS, highlighting its 110° wide-angle lens and 90° adjustable angle.

Exhibit improved stability in pitch and roll allowing for smoother footage and better control



Image 6.2: Comparison showing improved stability in pitch and roll with the 2-Axis Gimbal and EIS technology.



Image 6.3: Demonstrates hand gestures for initiating photo and video capture.

7. MAINTENANCE

7.1 Cleaning

- Regularly clean the drone body and camera lens with a soft, dry cloth.
- Remove any dust or debris from the motors and propellers.

7.2 Propeller Replacement

If a propeller is damaged, replace it immediately using the spare blades provided. Ensure you match the correct 'A' and 'B' propellers to their respective motor arms.

7.3 Battery Care

- Charge the battery using the provided charging cable.
- Do not overcharge or completely discharge the battery.
- Store batteries in a cool, dry place away from direct sunlight.

8. TROUBLESHOOTING

- **Drone does not power on:** Ensure the battery is fully charged and correctly installed. Press and hold the power button for 2 seconds.
- **No live video feed in app:** Verify that your smartphone is connected to the drone's Wi-Fi network. Restart the app and drone if necessary.
- **Drone drifts during flight:** Ensure GPS mode is active and the drone has acquired enough satellites before takeoff. Calibrate the gyroscope if drifting persists.
- **Remote control not connecting:** Ensure both the drone and remote are powered on. Re-link the remote control following the instructions in the full manual.
- **Short flight time:** Ensure the battery is fully charged. Flight time can be affected by wind conditions and aggressive flying.

9. SPECIFICATIONS

Brand	Contixo
Model Name	F28 Premium
Video Capture Resolution	4K
Effective Still Resolution	8 MP
Connectivity Technology	Wi-Fi
Battery Capacity	1820 Milliamp Hours (7.7V)
Maximum Range	3280 Feet (Control), 2600 Feet (Video Transmission)
Flight Time	Up to 23 minutes
Weight	Less than 249g (0.55 lbs)
Material	ABS, Plastic
Dimensions (L x W x H)	11.8"L x 12.6"W x 2.2"H (Unfolded)

10. SAFETY GUIDELINES

Always prioritize safety when operating your drone:

- Fly in open areas, away from people, animals, and obstacles.
- Maintain visual line of sight with the drone at all times.
- Do not fly near airports or restricted airspace.
- Avoid flying in strong winds or adverse weather conditions.
- Ensure propellers are clear before starting motors.
- Familiarize yourself with local drone regulations.

11. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Contixo website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

Contixo is committed to customer satisfaction and provides support for their products. For further assistance, please visit [the Contixo Store on Amazon](#).