

Contixo F15 Astro

Contixo F15 Astro Mini Drone User Manual

Model: F15 Astro

1. INTRODUCTION

Thank you for choosing the Contixo F15 Astro Mini Drone. This compact and lightweight drone is designed for beginners and experienced pilots alike, featuring a 720P HD camera, live video display, optical flow hover, and easy-to-use controls. Please read this manual thoroughly before operating the drone to ensure safe and optimal performance.



Image: The Contixo F15 Astro Mini Drone, showcasing its compact design and LED lighting.

2. SAFETY GUIDELINES

- Always operate the drone in open, clear areas, away from people, animals, and obstacles.
- Do not fly near airports, restricted airspace, or power lines.
- Ensure the drone's battery and remote control batteries are fully charged before each flight.
- Supervise children during drone operation.
- Avoid flying in strong winds or adverse weather conditions.
- Do not touch the propellers while they are spinning.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x F15 Astro Mini Drone
- 1x Remote Controller with 2.4" Screen
- 2x Drone Batteries
- 4x Spare Propellers
- 1x Screwdriver

- 1x USB Charging Cable



Image: All components included in the Contixo F15 Astro Mini Drone package.

4. DRONE COMPONENTS OVERVIEW

4.1 Drone

- **Propeller Guards:** Provide protection for propellers and enhance safety.
- **Propellers:** Generate lift for flight.
- **720P HD Camera:** Captures photos and videos, with adjustable tilt.
- **LED Lights:** Indicate drone status and provide visibility.
- **Battery Compartment:** Houses the drone's rechargeable battery.



COOL LIGHTING DRONE

THE F15 DRONE FEATURES A BRIGHT AND COLORFUL LED LIGHT PROTECTIVE FRAME.

Image: The Contixo F15 Astro Mini Drone highlighting its protected propeller design.

4.2 Remote Controller

- **2.4" Screen:** Displays live video feed from the drone's camera.
- **Left Joystick:** Controls altitude (up/down) and rotation (left/right).
- **Right Joystick:** Controls forward/backward and left/right movement.
- **One-Key Takeoff/Landing Button:** Initiates automatic takeoff or landing.
- **360° Flip Button:** Activates aerial stunt mode.
- **Photo/Video Buttons:** Capture images or start/stop video recording.



2.4" SCREEN REMOTE

2.4" SCREEN REMOTE CONTROL, REAL-TIME TRANSMISSION WITH NO DELAY.

Image: The Contixo F15 Astro remote control with its integrated 2.4-inch screen for live video display.

5. SETUP

5.1 Charging the Drone Battery

1. Remove the drone battery from the drone.
2. Connect the USB charging cable to the battery and a USB power source (e.g., computer, USB wall adapter).
3. The indicator light on the charging cable will show charging status (refer to cable instructions for specific light patterns).
4. Charging typically takes approximately 60-90 minutes.



**2 BATTERIES
INCLUDED**



TWO BATTERIES, ENDLESS FUN!

**COMES WITH 2 RECHARGEABLE BATTERIES, OFFERING A TOTAL
FLIGHT TIME OF 12 MINUTES**

Image: The Contixo F15 Astro Mini Drone and its two included rechargeable batteries.

5.2 Installing Drone Battery

1. Ensure the drone is powered off.
2. Carefully insert the fully charged battery into the battery compartment on the drone's underside.
3. Secure the battery cover.

5.3 Installing Remote Control Batteries

1. Open the battery compartment on the back of the remote control.
2. Insert 3 AAA batteries (not included) according to the polarity markings.
3. Close the battery compartment securely.

5.4 Pairing Drone and Remote

1. Place the drone on a flat, level surface.
2. Power on the drone. The drone's LED lights will flash.
3. Power on the remote control.

4. Push the left joystick up to its maximum position, then pull it down to its minimum position. The drone's LED lights will stop flashing and remain solid, indicating successful pairing.

5.5 Gyro Calibration

1. After pairing, ensure the drone is still on a flat, level surface.
2. Simultaneously push both joysticks down and to the bottom-right corner.
3. The drone's LED lights will flash rapidly and then become solid, indicating successful calibration.

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Video: A detailed guide on how to use the Contixo F15 Astro Drone, covering setup and basic operations.

6. OPERATING THE DRONE

6.1 One-Key Takeoff and Landing

- **Takeoff:** After pairing and calibration, press the One-Key Takeoff/Landing button. The drone will automatically ascend and hover at a stable altitude.
- **Landing:** During flight, press the One-Key Takeoff/Landing button again. The drone will slowly descend and land automatically.

EFFORTLESS ONE-TOUCH TAKEOFF/LANDING

LAUNCH AND LAND WITH ONE BUTTON.



Image: Visual representation of the one-touch takeoff and landing feature of the F15 Astro drone.

6.2 Basic Flight Controls

- **Left Joystick (Throttle/Yaw):**
 - Push up/down: Increase/decrease altitude.
 - Push left/right: Rotate drone left/right.
- **Right Joystick (Forward/Backward/Sideways):**
 - Push up/down: Fly forward/backward.
 - Push left/right: Fly left/right (strafe).

6.3 Optical Flow Hover

The F15 Astro drone features Optical Flow Hover technology, which uses a downward-facing camera to detect patterns on the ground and maintain a stable position. This feature helps the drone hover steadily, making it easier to control, especially for beginners.

6.4 360° Stunts

To perform a 360° flip:

1. Ensure the drone is flying at a sufficient height (at least 2-3 meters).
2. Press the 360° Flip button on the remote control.
3. Immediately push the right joystick in the desired direction (forward, backward, left, or right) to execute the flip.



Image: The Contixo F15 Astro Mini Drone performing a 360-degree flip.

6.5 Camera Operation (720P HD)

The drone is equipped with a 720P HD camera that can capture photos and videos. The camera angle can be manually adjusted before flight.

- **Live Video:** The 2.4" screen on the remote control provides a real-time live video feed from the drone's camera.
- **Taking Photos:** Press the Photo button on the remote control to capture a still image.
- **Recording Video:** Press the Video button once to start recording, and press it again to stop recording.



Image: The 720P HD camera of the F15 Astro drone, featuring an adjustable angle.

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Video: A demonstration of the Contixo F15 Astro Drone's features and flight capabilities.

7. MAINTENANCE

7.1 Cleaning

- Use a soft, dry cloth to clean the drone and remote control.
- Do not use water or cleaning solvents, as they may damage the electronics.

7.2 Propeller Replacement

If a propeller is damaged, replace it with a spare propeller from the package. Use the included screwdriver to carefully remove the screw holding the damaged propeller and install the new one, ensuring it is securely fastened.

7.3 Battery Care

- Store batteries in a cool, dry place.

- Do not overcharge or over-discharge batteries.
- If the drone will not be used for an extended period, remove the batteries from both the drone and the remote control.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not respond to remote.	Not paired or low battery.	Ensure drone and remote are powered on and paired correctly. Check battery levels.
Drone drifts during flight.	Gyro not calibrated.	Perform gyro calibration on a flat surface.
Poor video quality or no live feed.	Weak signal or camera issue.	Ensure drone is within range. Check for obstructions. Restart drone and remote.
Propellers not spinning.	Obstruction or damage.	Check for hair or debris around propellers. Replace damaged propellers.

9. SPECIFICATIONS

- **Brand:** Contixo
- **Model Name:** F15 Astro
- **Camera:** 720P HD, Adjustable Angle
- **Remote Screen:** 2.4 inches
- **Battery Capacity:** 580 mAh (Lithium Polymer)
- **Product Dimensions:** 10"L x 7"W x 2"H
- **Flight Features:** Optical Flow Hover, One-Key Takeoff/Landing, 360° Stunts

10. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your Contixo F15 Astro Mini Drone, please refer to the contact information provided on the product packaging or visit the official Contixo website. Keep your purchase receipt for warranty claims.

Your browser does not support the video tag.

Video: An introductory overview of the Contixo F15 Astro Drone, highlighting its key features.