



— F15 ASTRO DRONE INSTRUCTION MANUAL —

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INTRODUCTION

IMPORTANT

Thank you for purchasing the **Contixo F15 Astro drone**. Please read all instructions and warnings carefully before operating this product. Retain this manual for future reference, maintenance, and troubleshooting.

Never fly in or near controlled airspace, and do not exceed an altitude of **400 feet (122 m)**. When operating within the United States, ensure full compliance with **FAA regulations**. Avoid flying along airline routes or in areas with strong radio, electromagnetic, or electrostatic interference. Do not operate the drone in any manner prohibited by local authorities. **NEVER use the drone for illegal purposes or in violation of local laws and regulations.**

The F15 Astro drone is intended for users **8 years of age and older**. Supervision by an experienced UAV pilots is recommended. This precision-engineered aircraft integrates electronic components, mechanical systems, and high-frequency transmission technology to achieve stable aerodynamic performance. Proper calibration, assembly, and testing are required to ensure safe operation and to prevent malfunctions or accidents. Users are responsible for operating the drone safely to avoid injury, property damage, or loss of the aircraft.

If the product is defective or malfunctioning, please contact our technical support team. This products includes a **one-year limited warranty**. Warranty details are available at: <https://contixo.com/pages/warranty>. For service or maintenance assistance, contact customer support at Contact@contixogroup.com.

SAFETY PRECAUTIONS

This remote-control aircraft can be hazardous if not operated properly. Always maintain a safe distance from people, animals, and obstacles. Avoid flying in controlled airspace. Improper installation, adverse weather conditions, or lack of experience may result in damage to the aircraft, property damage, or personal injury. Remain alert at all times and identify unsafe conditions to prevent accidents caused by negligence.

1. AVOID STRUCTURES, CROWDS, AND HIGH-RISK AREAS

This remote-control aircraft may vary in speed or sensitivity during flight, which can pose safety risks. Keep the aircraft away from crowds, buildings, trees, structures, and high-voltage power lines. Do not operate the drone in adverse weather conditions, including rain, snow, electrical storms, or strong winds, as these conditions increase the risk of accidents and damage.

2. PROTECT FROM WATER AND MOISTURE DAMAGE

Do not expose the aircraft or its electronic components to water or moisture. Operating the drone in wet conditions may cause permanent damage and increase the risk of malfunction or loss of control.

3. USE ONLY ORIGINAL PARTS FOR SAFE OPERATION

Use only original Contixo replacement parts and accessories for repairs or maintenance. Operate the drone strictly within its intended functions. The use of unauthorized or modified parts may result in unsafe operation and will void the warranty.

4. BEGINNERS SHOULD SEEK GUIDANCE BEFORE USE

New users may experience difficulty when first operating the aircraft. Do not fly alone during initial use. Whenever possible, seek assistance or supervision from an experienced operator to reduce the risk of accidents.

5. NEVER OPERATE UNDER THE INFLUENCE OF DRUGS OR ALCOHOL

Operate this remote-controlled aircraft in compliance with all applicable laws and within your physical and mental limits. Do not operate while fatigued, impaired, or under the influence of drugs or alcohol, as this significantly increases the risk of injury or property damage.

6. MAINTAIN A SAFE DISTANCE WHEN OPERATING AT HIGH SPEEDS

When flying at high speeds, maintain a safe distance between the aircraft, the operator, bystanders, and surrounding objects to prevent collisions, damage, or injury.

7. STORE IN A COOL, DRY PLACE AWAY FROM HEAT

This remote-controlled aircraft contains metal, fiber, plastic, and electronic components. Store it in a cool, dry location away from heat sources and direct sunlight to prevent damage, deformation, or reduced performance.

FCC COMPLIANCE

- This equipment complies with the limits for a Class B digital device, as specified in part 15 of the FCC Rules. These limits are designed to protect against harmful interference in residential installations. The equipment generates, uses, and may radiate radio frequency energy. Improper installation or use may cause interference with radio communications.
- While compliance minimizes interference risks, it does not eliminate them entirely. If interference occurs, follow these steps to correct the issue.
 - Reorient or relocate the receiving antenna.
 - Increase the distance between the equipment and receiver.
 - Connect the equipment to a different outlet or power circuit.
 - Consult a dealer or an experienced radio/TV technician for assistance.
- Important: Changes or modifications not expressly approved by the responsible party may void the user's authority to operate this equipment.

SAFETY WARNING

1. This package and instruction manual contain important information. Retain them for future reference.
2. You are responsible for ensuring that this aircraft does not cause injury to yourself, others, or property.
3. Operate the aircraft strictly in accordance with the instructions in this manual. During setup, calibration, takeoff, and landing, maintain a distance of 1–2 meters (3–6 feet) from the aircraft to reduce the risk of injury from collisions.
4. Contixo and its distributors are not responsible for loss, damage, or injury resulting from improper operation or misuse.

5. Children under 8 years of age must use this product only under adult supervision. This product is not suitable for children under 8 years.
6. Follow the assembly instructions provided in this manual or on the packaging. Certain components must be assembled by an adult to ensure safe operation
7. This product contains small parts. Keep out of reach of young children to prevent choking or accidental ingestion.
8. Do not fly near roads or high-traffic areas, as this may be dangerous and may violate local laws or regulations.
9. Dispose of packaging materials properly to prevent potential injury to children, pets, or property.
10. Do not disassemble, modify, or alter the aircraft, as doing so may cause malfunction or failure during flight.
11. Insert batteries into the charger using only the provided Contixo power supply.
12. Use only manufacturer-approved charging cables and accessories to ensure safe operation.
13. Charge the battery under adult supervision and keep it away from flammable materials during charging.
14. Do not short-circuit, crush, puncture, or otherwise damage the battery, as this may result in fire, explosion, or personal injury.
15. Use only the specified Li-ion battery. Do not mix with other battery types.
16. This drone is equipped with an intelligent Li-ion battery. Do not exceed the specified voltage requirements.

17. Keep the aircraft away from electrical equipment to minimize interference and prevent malfunction.
18. Maintain a safe distance from the high-speed propellers to prevent cuts or other injuries.
19. Some components may become hot during operation. Do not touch the motors immediately after use to avoid burns or injury.
20. Use only a 5V wall charger for charging. Do not use chargers exceeding 5V, as this may cause damage or create a safety hazard.
21. Always keep the drone within visual line of sight during operation.
22. Do not fly over groups of people to reduce the risk of injury.
23. Avoid flying over stadiums, sporting events, or large public gatherings.
24. Familiarize yourself with applicable airspace restrictions and regulations before operating the drone.



WARNING: When operating within the United States, this product must be registered with the Federal Aviation Administration (FAA) in accordance with applicable regulations.

WARNING: This product is intended for users 8 years of age and older. Adult supervision is required for younger or inexperienced users.

WARNING: Always supervise battery charging. Disconnect the battery once it is fully charged. Do not overcharge the battery, as overcharging may cause overheating, fire, or damage.

LEGAL DISCLAIMER

By owning, operating, or being in possession of this drone, you agree to the following terms and conditions.

Contixo Inc. is not liable for any direct or indirect damages resulting from the following circumstances:

1. Damage caused by user impairment, including fatigue, illness, poor physical or mental condition, or operation under the influence of alcohol or drugs.
2. Personal injury, property damage, or legal liability resulting from user error, negligence, or intentional misuse of the product.
3. Damage resulting from flights conducted in prohibited or restricted areas, including nature reserves or controlled airspace.
4. Damage caused by improper operation, unauthorized modification, or the use of accessories, components, or parts not approved by Contixo Inc.
5. Failure to land the aircraft after receiving a low-battery or low pressure warning, resulting in crashes, falls, or other damage.
6. Damage caused by operating the quadcopter in an abnormal condition, with incomplete assembly, or with defective, damaged, or missing components.
7. Damage caused by operation in areas with radio-frequency, electrostatic, or magnetic interference, including locations near power lines, large electrical equipment, or transmission towers. Operation in government-restricted zones is prohibited. Users must maintain a clear line of sight and wear corrective eyewear if required for safe operation.
8. Damage caused by operation in adverse weather conditions, including rain, strong winds, snow, hail, or electrical storms.

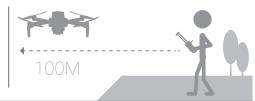
9. Damage resulting from natural disasters or environmental hazards, including storms, floods, lightning, tsunamis, landslides, earthquakes, or similar events.
10. Contixo Inc. is not responsible for any damage, loss, or liability related to data, audio, or video captured, stored, or transmitted using the quadcopter.
11. Damage to the battery resulting from improper use, incompatible chargers, or mismatched or faulty protection circuits.
12. Contixo Inc. shall not be liable for indirect losses or legal liabilities related to equipment or accessory failure (including memory cards), such as lost, corrupted, or unsaved images or videos.
13. Losses or legal liabilities resulting from reckless, unsafe, or untrained operation due to insufficient flight experience or training.
14. Users agree to operate this product only for lawful purposes and in compliance with all applicable instructions, policies, and guidelines provided by Contixo Inc. This document may be updated to reflect changes to software versions, features, or terms of use. Users are responsible for reviewing updates prior to installing new software. Contixo Inc. reserves the right to revise this manual at any time, with or without prior notice.

FLIGHT SAFETY

Recommended for indoor use or flying below 16 feet (5m).

Wi-Fi transmission area requirements:

Ensure the drone is operated in an open area, free from obstacles and sources of interference.
Do not fly against strong winds.





+



Fly in Open
Areas

Maintain
Line of Sight



Avoid flying over or near obstacles, crowds, high-voltage power lines, trees, airports, or water.

DO NOT fly near strong electromagnetic sources, such as power lines or communication base stations, as they may interfere with the onboard compass and flight control systems.



DO NOT use the drone in adverse weather conditions such as rain, snow, fog and wind.



Stay away from the rotating
propellers and motors.



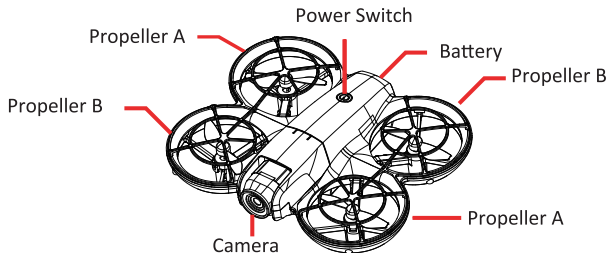
AVOID:
No Fly Zones



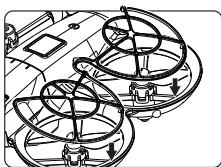
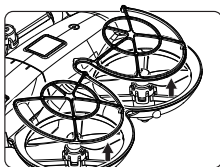
It's important to understand basic flight guidelines, for the safety of both you and those around you. Don't forget to read the Safety Guidelines before flight.

AIRCRAFT OVERVIEW

1. AIRCRAFT DIAGRAM



2. ASSEMBLE THE PROTECTIVE GUARD



Align the protective frame with the arm before installation. Press until it clicks into place, then push downward to secure the frame. The protective guard are mounted by default.

Note: When installing the protective cover, ensure the clips are fully pressed into place to prevent unnecessary damage during flight.

3. ASSEMBLE THE PROPELLER

Remove the propeller guard before replacing the propeller. After manually removing the paddle blade to be replaced, align the new paddle blade with the motor shaft and press it down by hand.

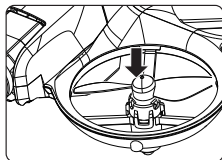
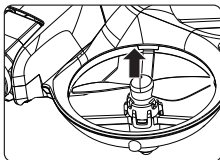
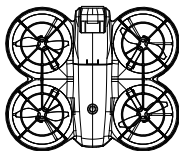
Please note that the letter “A” or “B” is printed on each propeller, and make sure all the propellers are attached in the correct motor position. The propellers are mounted by default.

Propeller A

Propeller B

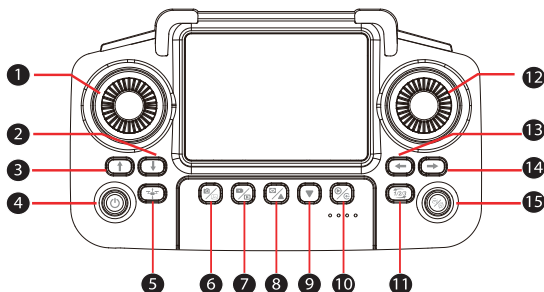
Propeller B

Propeller A



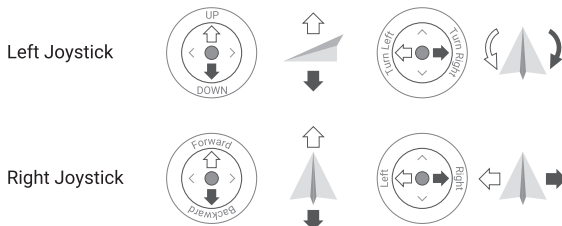
TRANSMITTER OVERVIEW

1. TRANSMITTER FUNCTIONS



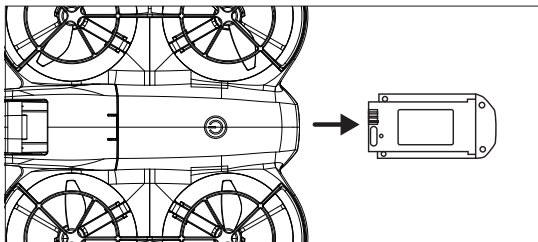
- | | |
|---|--|
| 1. Throttle Stick | 9. Select next |
| 2. Backward Fine-tuning | 10. Play / Pause (Quick press) / Exit (Hold for 3 seconds) |
| 3. Forward Fine-tuning | 11. Speed Switch |
| 4. Power Switch | 12. Direction Stick |
| 5. One-Key Take Off / Landing | 13. Left Fly Fine-tuning |
| 6. Take Photo (Quick press) / Browse Photo (Hold for 3 seconds) | 14. Right Fly Fine-tuning |
| 7. Take Video (Quick press) / Browse Video (Hold for 3 seconds) | 15. 3D Roll (Quick press) / Calibrate Gyroscope (Hold for 3 seconds) |
| 8. Select Previous (Quick press) / Power on / off the screen (Hold for 3 seconds) | |

2. REMOTE CONTROL OPERATING METHOD

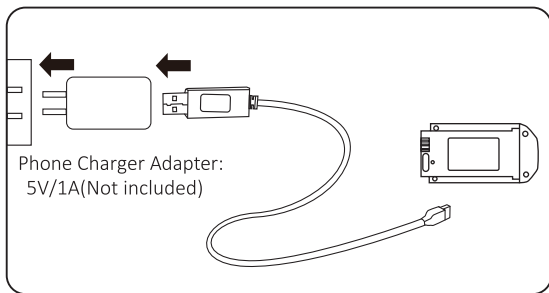


BATTERY INFORMATION

1. CHARGE THE DRONE'S BATTERY



1. Press down on the buckle and remove the lithium battery from the drone.



2. Connect USB charging cable with the charging interface of the lithium battery.

2. LITHIUM BATTERY CHARGING INSTRUCTIONS

1. Press down on the buckle and remove the battery from the aircraft. Connect the Type-C cable to a DC power supply (5V, 1A), and then connect with the charging port of the battery. The light turns on when charging and turns off when it is fully charged.

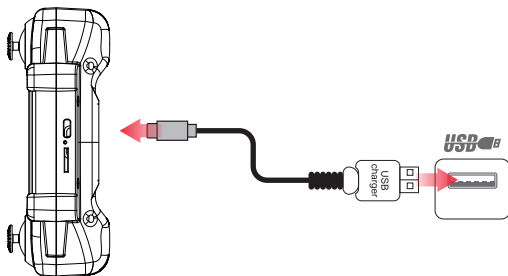
2. Quadcopter can also be charged by mobile power bank or by car-loaded power.

3. Fully charging the battery takes about 40 mins; operating time is about 6 mins.

3. CHARGE THE REMOTE CONTROL

Connect the Type-C charger to a DC power supply (5V, 1A), and then connect with the charging port of the remote. The light turns on when charging and turns off when it is fully charged.

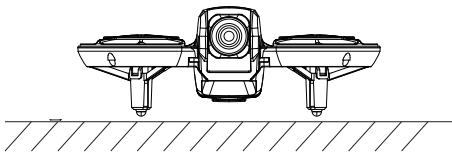
Fully charging the battery takes about 40 minutes.



FLIGHT OPERATIONS

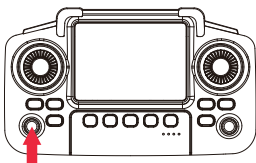
Step 1: Turn on the drone and set it down on a level surface

- Press and hold the power button for 3 seconds to power on / off the drone.
- Place the aircraft on a level surface and it will enter into frequency-matching mode automatically.

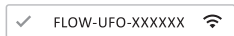
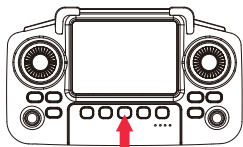


Step 2: Power on the remote control

- Press and hold the power button to power on the remote. Then push the left joystick up then down.
- When the remote control pairs successfully, you'll hear a beep sound, and the light on the drone will remain on (solid, non-flashing).



Throttle Joystick

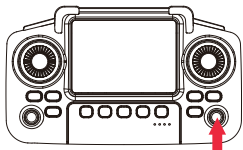


Step 3: Connect APP / Monitor

- The monitor will automatically turn on and connect with the drone automatically. If you want to connect the drone to the mobile app, you need to turn off the monitor first.

- Hold the “/▲” button of the monitor to turn off the monitor. Connect your mobile device to the Wi-Fi of the aircraft and check the aircraft's status on the “KY UFO” APP.

Note: The drone's live video feed can be viewed on only one device at a time.



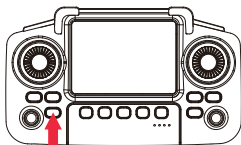
Step 4: Calibrate Gyroscope

- Press and hold the Calibrate Gyroscope button for 3 seconds to start gyroscope calibration.
- Or click “” on the app when the drone is under APP control mode.
- Gyroscope calibration in progress: All the lights of the drone keep flashing.
- Gyroscope calibrated: All the lights of the drone are solid.

Note: Please place the aircraft horizontally on a level surface to calibrate. Otherwise, flight performance may be affected.

Step 5: Take-off / Landing

Once all the lights on the drone are solid, the drone can take off.



Takeoff:

- Click the one-key takeoff / landing button for the drone to take off or click “” on the app when the drone is under APP control mode.

Landing:

1. Click the one-key takeoff / landing button for the drone to land or click “” on the app when the drone is under APP control mode.
2. Pull the left stick downward until the drone descends to the ground and propellers halt.

MOBILE APP

1. DOWNLOAD THE APP

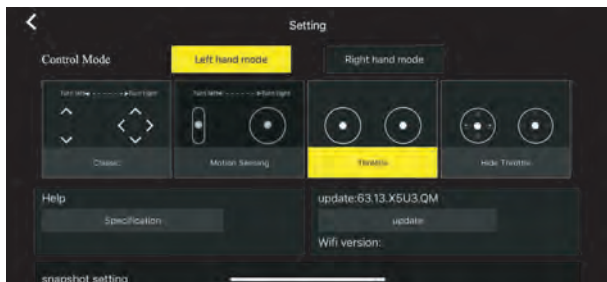
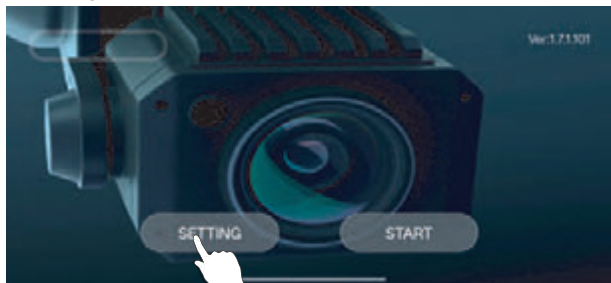


QR code of “KY UFO” App
for App Store (for iOS)
& Google Play Store (for Android)

- The drone’s live video feed can be viewed on only one device at a time. To connect a smartphone to the drone, first turn off the remote controller’s screen.
- To connect the drone, open “Settings” on your smartphone, select Wi-Fi, and locate the network named “FLOW-UFO-XXXXXX.” Once the connection is successful, exit the Settings app.
- Open “KY UFO” app on your smartphone, then tap “Start” to enter the control interface.

2. Setting

Click the settings button to select the control method in APP control mode.

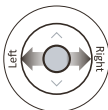


Left hand mode operating method (Default Mode)

Left Joystick



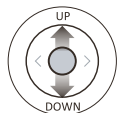
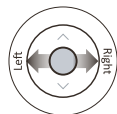
Right Joystick



Right hand mode operating method



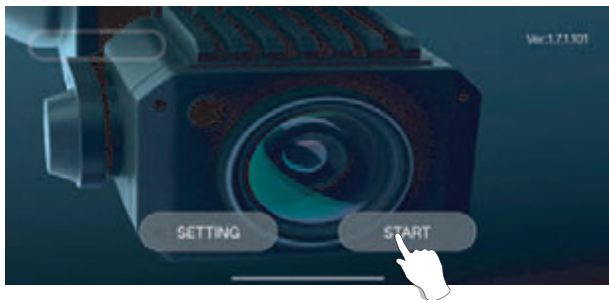
Left Joystick



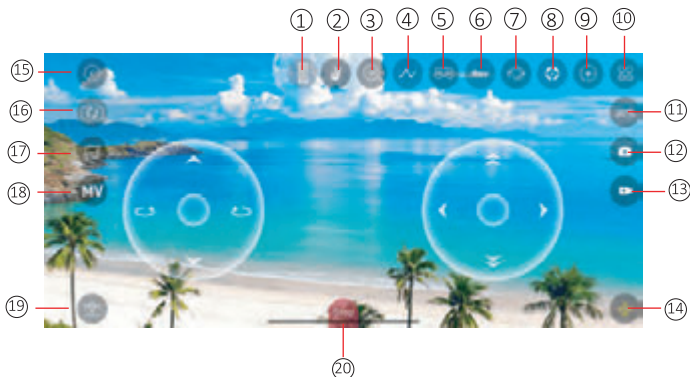
Right Joystick



Click “◀” then click “START”.



3. APP INTRODUCTION



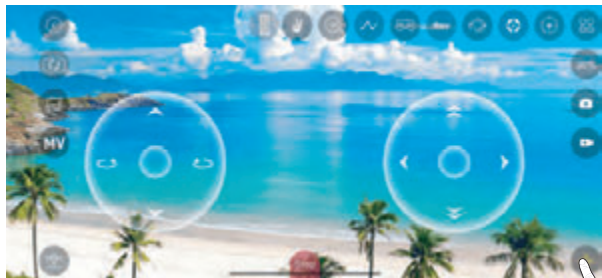
- 1. Portrait / Landscape Orientation Switch
- 2. Gesture Selfie Mode
- 3. Zoom In / Zoom Out
- 4. Flight Path
- 5. VR Split Screen
- 6. Flip Screen
- 7. Gravity Control Mode
- 8. Calibrate Gyroscope
- 9. Headless Mode
- 10. Hide / Display Button

- 11. Switch Speed
- 12. Take Photo
- 13. Take Video
- 14. APP Control On / Off
- 15. Exit
- 16. Switch Camera
- 17. Gallery
- 18. Entertainment Mode
- 19. One Key Takeoff / Landing
- 20. Emergency Stop

AIRCRAFT FUNCTION PROFILE

1. APP CONTROL MODE

Successfully connect the aircraft Wi-Fi with your smartphone, select  then you can control the drone through the pop-up icon.



Left Joystick



Right Joystick

Left Joystick



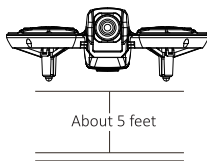
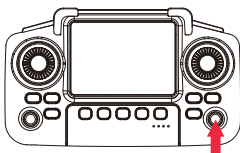
Right Joystick



2. 3D Roll

Press the “” button, then push the right joystick left or right to perform a 3D roll in the selected direction.

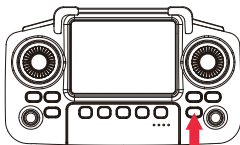
Note: If the battery is low, the drone may lose altitude after rolling. Ensure the drone is fully charged and hovers at approximately 5 feet (1.5 meters) above the ground for optimal performance.



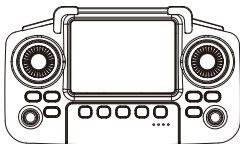
3. Speed Switch

Press the “” button to switch speed modes. The drone emits different beeps to indicate speed levels.

- 1 beep – Low-speed mode.
- 2 beeps – Medium-speed mode.
- 3 beeps – High-speed mode.



4. CAMERA FUNCTIONS



Take Photo



Take Video

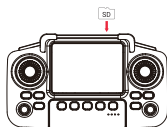
ICON ON APP

Click  on the remote control, or select  button on the app to take photo.
Click  on the remote control, or select  button on the app to start recording.

Click  button or select  button to save the video.

Photos cannot be taken while recording video

When the screen is off, you cannot take photos or record videos using the remote control buttons.



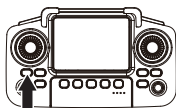
SD CARD (Not Included)



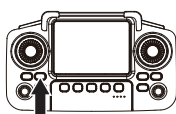
When viewing the drone's live feed on the remote controller's screen, you must install a memory card into the remote controller to enable photo and video recording. If a memory card is installed in the remote, the original images and videos are saved onto the SD card. Press the SD card slightly to take it out, then insert the card into the card reader and insert it into the USB port of a computer to read the data from the SD card. The images can also be viewed in the remote menu.

5. Fine-tuning Function

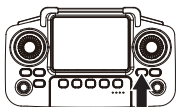
When the drone spins in the air or tilts in different directions, you can use fine-tuning to correct the action.



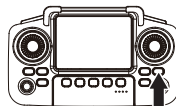
If the drone moves backward while hovering, press the forward fine-tuning button, until the drone stops moving backward.



If the drone moves forward while hovering, press the backward fine-tuning button, until the drone stops moving forward.

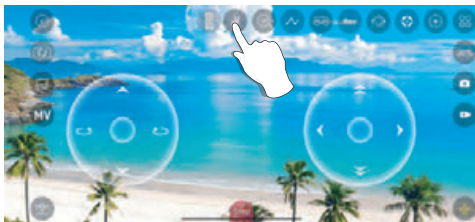


If the drone drifts to the right while hovering, press the left fly fine-tuning button, until the drone stops drifting to the right.



If the drone drifts to the left while hovering, press the right fly fine-tuning button, until the drone stops drifting to the left.

6. Gesture Selfie Mode



Take Photo



Take Video

Click “” (hand with two fingers) on the App. Wave your hand to take a picture. Clench your fist to begin recording video.

There is a 3 second countdown before taking a video or picture.

NOTE: This function can only be used when there is adequate lighting. Low-light or dimly lit areas may prevent the camera from detecting your hand gestures.

7. Flight Path

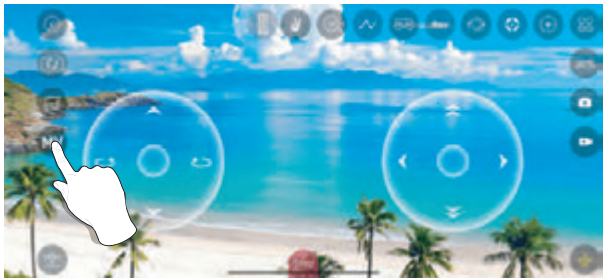
Successfully connect the drone WiFi with your smartphone, click “” on the App. Mark your planned flight route on the right side of the app.
(This mode can only be used in APP controlled mode.)



8. Entertainment Mode

Click “” to enter entertainment mode.

You can choose photo effects and composite short videos.



9. Gravity Control Mode

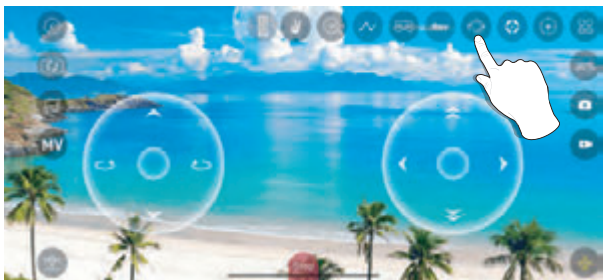
Click “” to enter gravity control mode. (This mode can only be used in APP controlled mode.) You can control the flying direction of the drone according to the tilt angle of the phone.

Tilt the phone forward, the drone flies forward.

Tilt the phone backwards, the drone flies backwards.

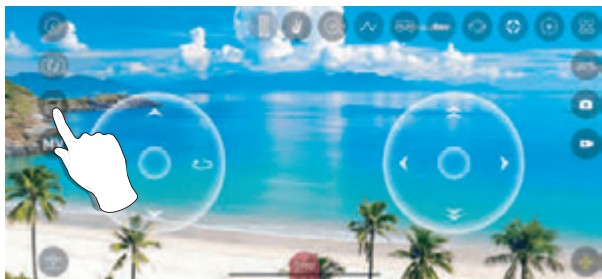
Tilt the phone to the left and the drone flies to the left.

Tilt the phone to the right and the drone flies to the right.



10. Gallery

Open the App, click “” (gallery) to access your pictures and video files.



SPECIFICATIONS

Drone Model: F15 Astro

Drone Weight: 68 g / 2.4 Oz

Battery Type: Lipo Lithium-Ion Battery

Flight Time: Up to 6 minutes

Max Charging Time: About 40 minutes

Capacity: 580 mAh

Voltage: 3.7V

Recommend Control Height: 5M (16 feet)

Max RC Control Range: 100M (350 feet) (Unobstructed)

WIFI Camera Range: 50M (150 feet) (Unobstructed, depending on conditions and your device)

Wind resistance level: Level 1 (Flight use during windy conditions is NOT recommended)

Auto-Hovering: Enabled

Remote Control Operating Frequency: 2.4 GHz

Remote Control Battery Capacity: 500 mAh

Remote Control Operating Voltage: 3.7V

Camera Lens: FOV 60°

Still Photography Mode: Single shot

Photo Format: JPG

Video Format: AVI

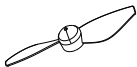
Operating Temperature Range: 32°to 104°F (0°to 40°C)

Mobile App: “KY UFO” in App Store & Google Play Store

Live View Working Frequency: 2.4 GHz ISM

STORAGE METHOD		RESOLUTION	TRANSMISSION FRAME RATE
Phone	Photo	1920 x 1080	20fps
	Video	1920 x 1080	
SD Card	Photo	1280 x 720	30fps
	Video	1280 x 720	

PARTS LIST



Blade A x 2

Blade B x 2

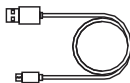


Screw Driver x 1



Manual x 1

Charging cable x 1
(Type-C)



TROUBLESHOOTING

THE PROBLEM	REASON	COUNTER-MEASURES
Drone lights flash and no response from the drone when operating.	1. Remote is not synced to the drone. 2. Insufficient battery power.	1. Refer to page 14-16 (Flight Operations) and re-sync the drone. 2. Recharge the battery.
The blades spin, but the drone cannot take off.	1. Insufficient battery power. 2. The blades are distorted.	1. Recharge the battery. 2. Replace the blades.
The quadcopter shakes heavily.	The blades are damaged.	Replace the blades.
The drone cannot stay balanced in flight.	1. The blades are damaged. 2. The motor doesn't work properly.	1. Replace the blades. 2. Replace the motor.



CONTACT INFORMATION

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