Manuals+ — User Manuals Simplified.

ZERO ZERO ROBOTICS V202007 V-Copter Falcon Instructions

Contents

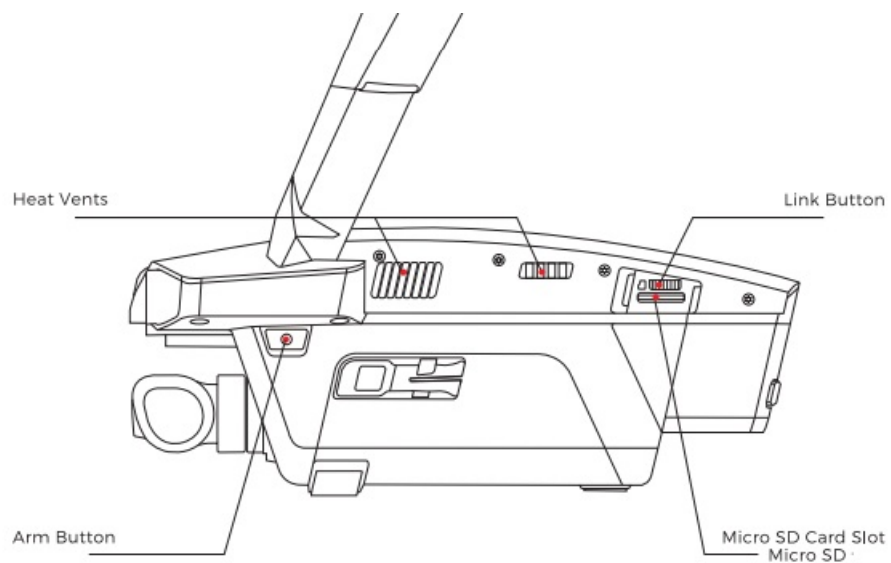## ZERO ZERO ROBOTICS V202007 V-Copter Falcon

ZERO ZERO ROBOTICS V202007 V-Copter Falcon-fig1

OVERVIEW

Arm Indicator Light

Power Button

Forward Vision System

Gimbal and Camera

Motor

Propeller

Status Indicator Light

Battery Buckle

Arm Button

Bottom Optical Sensor

Bottom Infrared Sensor

Battery Level Indicator Light

Intelligent Battery

Battery Power Button

Heat Vents

Link Button

Arm Button

Micro SD Card Slot
Micro SD

Antenna

Status Indicator Light

Battery Level Indicator Light

Shutter Button

Emergency Stop Button

Gimbal Wheel

Detachable Control Stick

Return to Home Button

Mobile Device Stand

Leisure/Sport Toggle Button

Clamp for Small Devices

Camera Settings Adjustment Dial
拍摄参数调节滚轮

Custom Button
自定义按键

Record Button
录像按键

Power Button
电源按键

Control Sticks Storage Slot
摇杆收纳槽

Custom Button
自定义按键

Camera Settings Adjustment Dial

Record Button

Custom Button

Power Button

Control Sticks Storage Slot

Custom Button

USB-C Port

Video Transmission Port (Type-A)

* For more information, please download the User Manual from the official website.
This guide is subject to change without prior notice. Please visit the official website for more detailed information
* According to changes in market demand or production plan. Shenzhen Zero Zero Infinity Technology Co .. Ltd.
may change the product specifications and appearance. Please contact us if you have any questions.
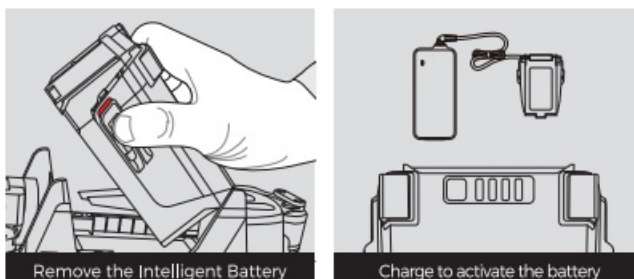
Download the V-Coptr App

Download the V-Coptr App from the App Store/Google Play Store.
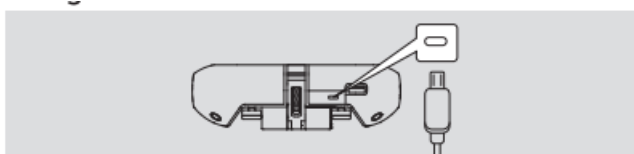The V-Coptr App is compatible with iOS 10.0 (or above) or Android 6.0 {or above)

- **Charging**

  Charge the Intelligent Battery

  Please charge the intelligent battery to activate it for first time use.

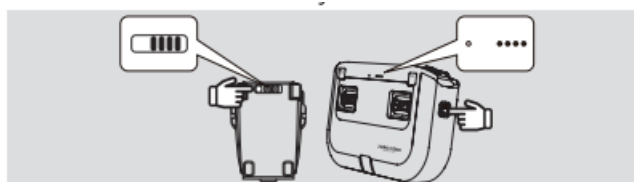Remove the Intelligent Battery   Charge to activate the battery

- Charge the Blastoff Controller

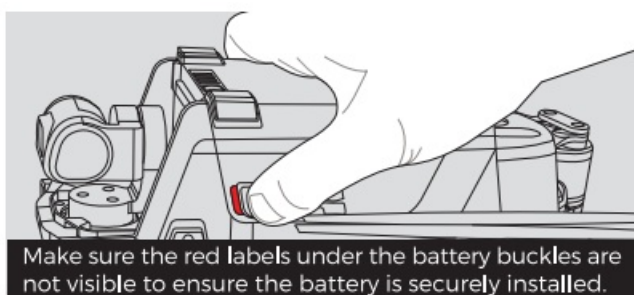 Plug the charging cable into the USB-C Port. It takes about 2.5 hours to fully charge.

- **Check the battery level**

  Press the power button of Intelligent Battery/ Blastoff Controller briefly. and the battery level indicator light will show the current battery level.
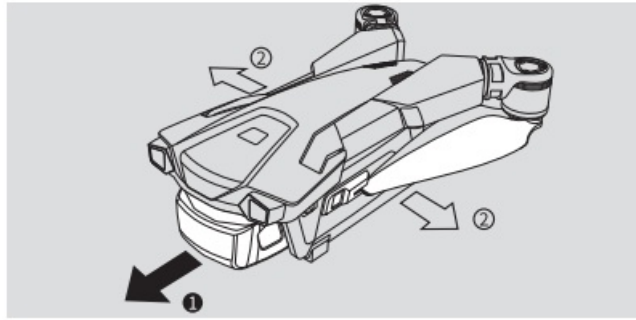

**Prepare the Drone**

- Install the Intelligent Battery

Make sure the red labels under the battery buckles are not visible to ensure the battery is securely installed.

- Remove the Gimbal Protector and pull out the propellers .

- Press and hold the arm buttons until the arms are completely unfolded.

When the arm buttons have returned to their original positions, the arms are fully unfolded.
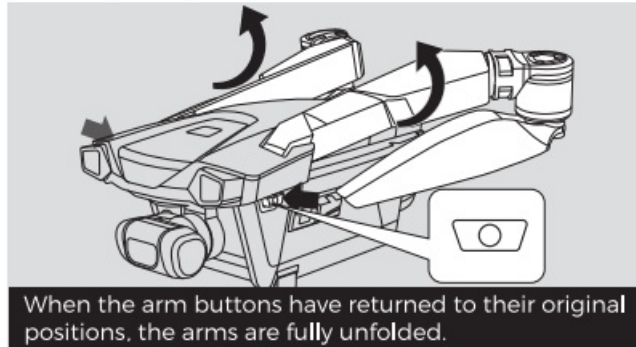
- Rotate the motors, and unfold all the propeller blades.
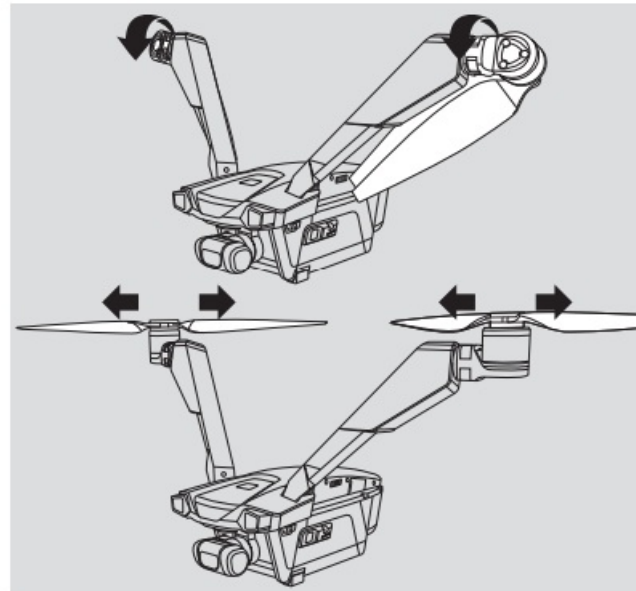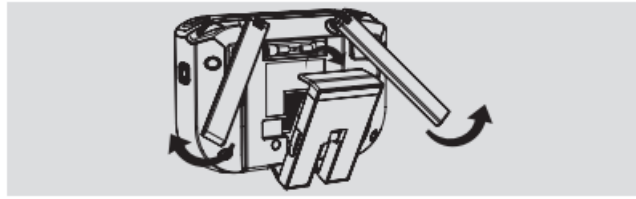

- Press and hold the power button for 2 seconds until the status indicator light blinks. Once it's finished booting up. you will hear a sound.
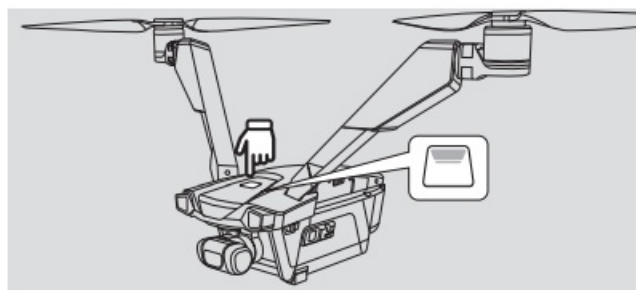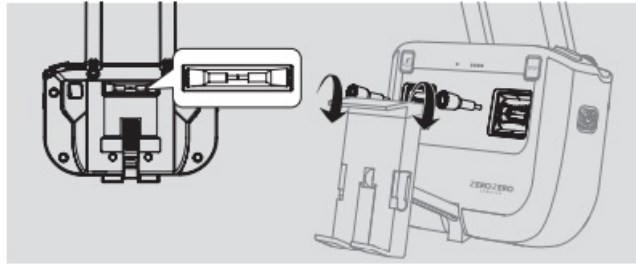

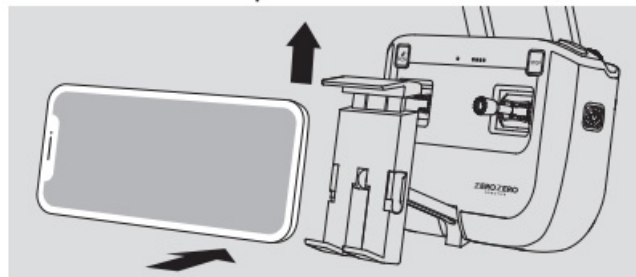**Prepare the BlastOff Controller**

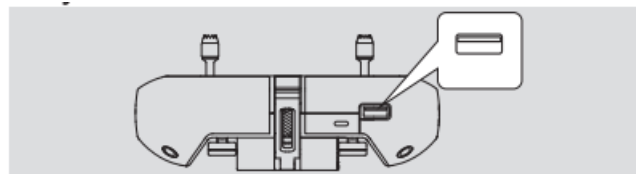- Unfold the Mobile Device Stand and the Antennas.

- Install the Control Sticks.

- Place your mobile device on the Mobile Device Stand. Use the clamps to secure smaller devices.

- Use the cable of your mobile device (not included in the package) to connect the Blastoff Controller and your mobile device.

- Press and hold the power button for 2 seconds. The Blastoff Controller will beep when it is successfully turned on.
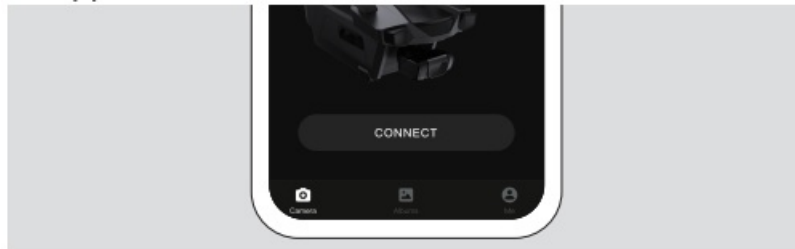
Connect the Drone

- Open the V-Coptr App.

- Press the Link Button on the drone. The Status Indicator Light of the drone will flash green and begin the linking process.


- **Start Connecting**

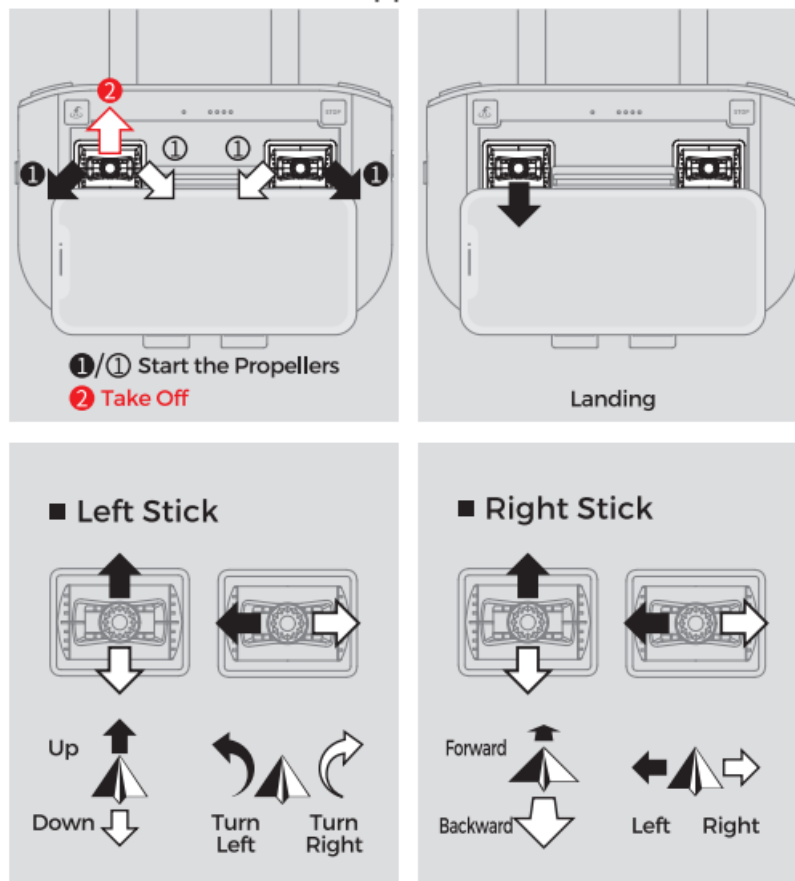 Method One: Connect BlastOff Controller and the drone via App

- Method Two: Connect the Blastoff Controller and the drone with the combination keys
  - Press and hold the two Custom Buttons+ Record Button for two seconds, the Status Indicator Light of the Blastoff Controller will flash green as it starts to connect to the drone.
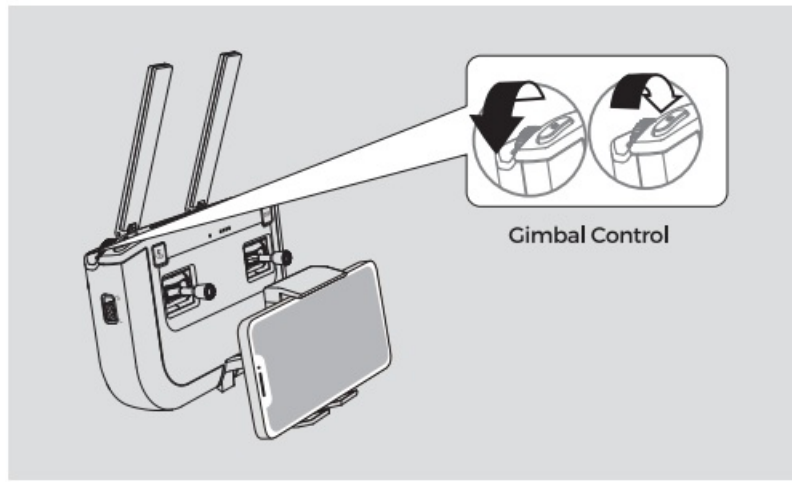 - The connection is successful when the Status Indicator Light of the Blast Off Controller is solid green.
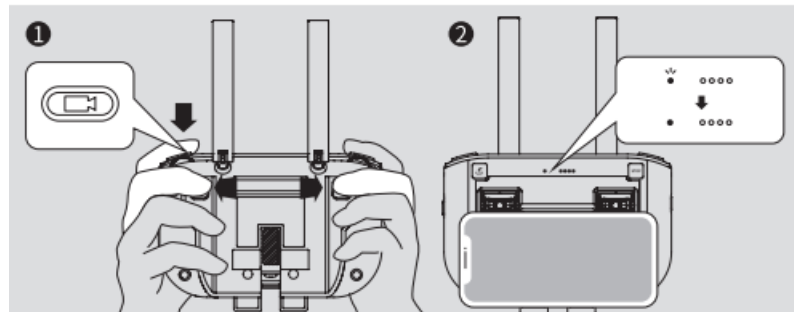
  - During the connection process. please keep the Blastoff Controller and the drone within 1 meter of each other

Controlling the Drone

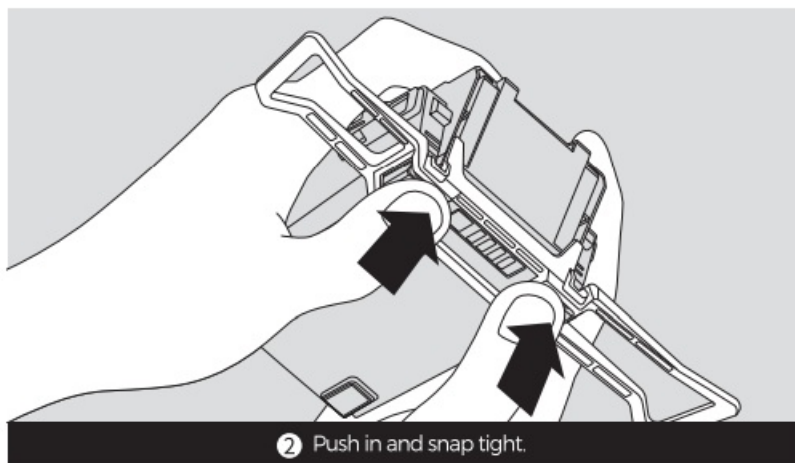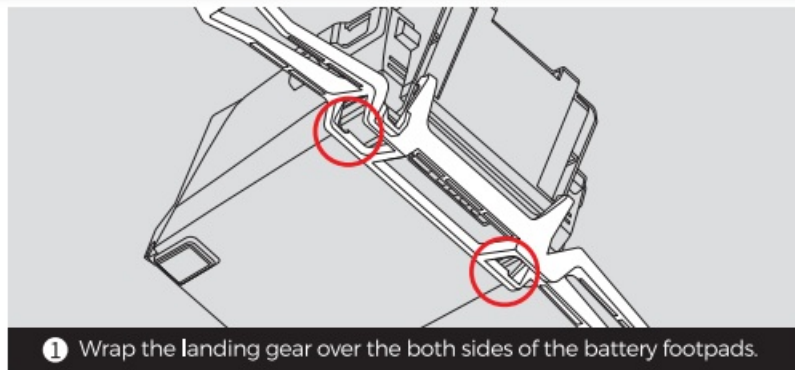The default control mode is shown below. You can choose other control modes in the app.

❶/① Start the Propellers
❷ Take Off

Landing

■ Left Stick

Up
Down
Turn Left   Turn Right

■ Right Stick

Forward
Backward
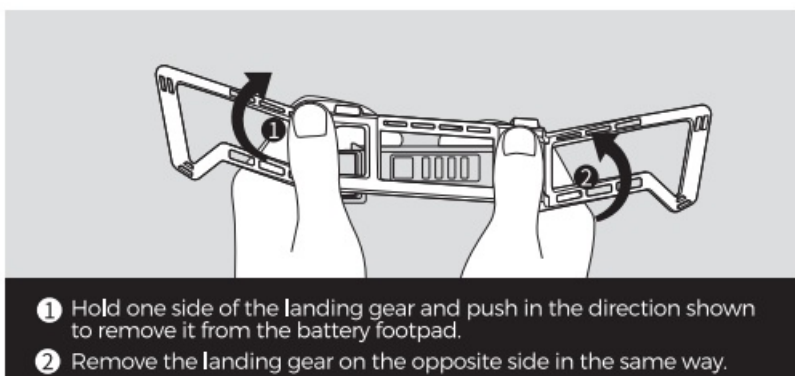Left   Right

Gimbal Control

*Install and Remove the Landing Cear

- **Install the Landing Gear**

  (Attention: Remove the intelligent battery from the drone first.)

❶ Wrap the landing gear over the both sides of the battery footpads.

❷ Push in and snap tight.

- **Remove the Landing Gear**

  (Attention: Remove the intelligent battery from the drone first.}

❶ Hold one side of the landing gear and push in the direction shown to remove it from the battery footpad.
❷ Remove the landing gear on the opposite side in the same way.
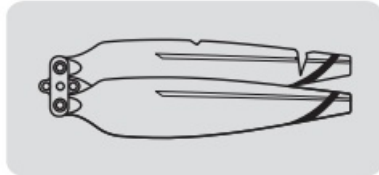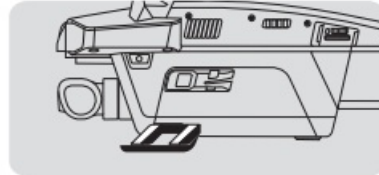
Flight Safety

Attention:

Do not release or retrieve the drone with your hands.

Please make sure the bottom infrared sensor is clean before taking off.

Replace aging, broken or deformed propellers.

*We recommend installing the landing gear and taking off on flat ground.

Improper Flying Environments:

Near crowds or dense buildings

Near strong magnetic fields

No-fly zones

In rain, fog, snow, lightning, hail, storms, strong wind, or any other extreme weather environments.

Please check the Disclaimer and Safety Instructions for more details at **zerozerorobotics.com/support/downloads**.
Please read it carefully before flying.

zerozerorobotics.com

Documents / Resources

ZERO ZERO ROBOTICS V202007 V-Copter Falcon [pdf] Instructions
ZV101, 2AIDW-ZV101, 2AIDWZV101, V202007, V-Copter Falcon, V202007 V-Copter Falcon, Falcon