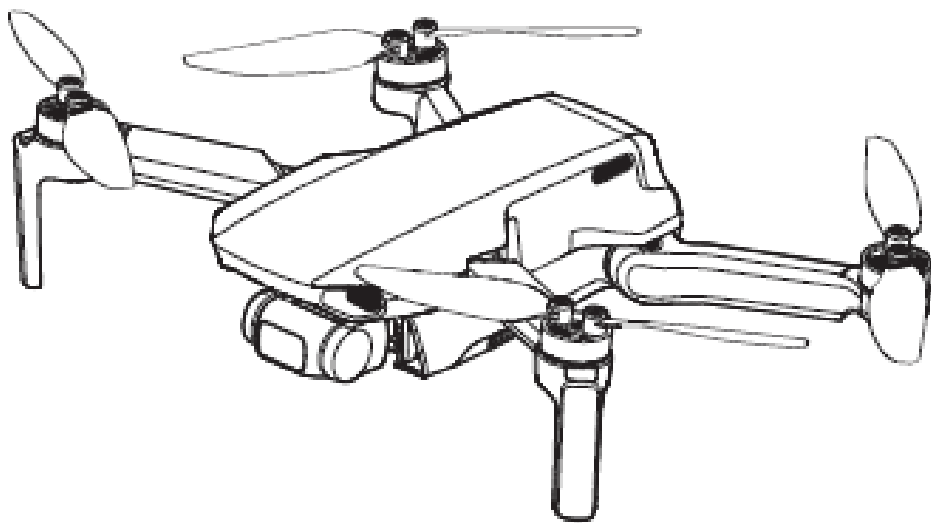


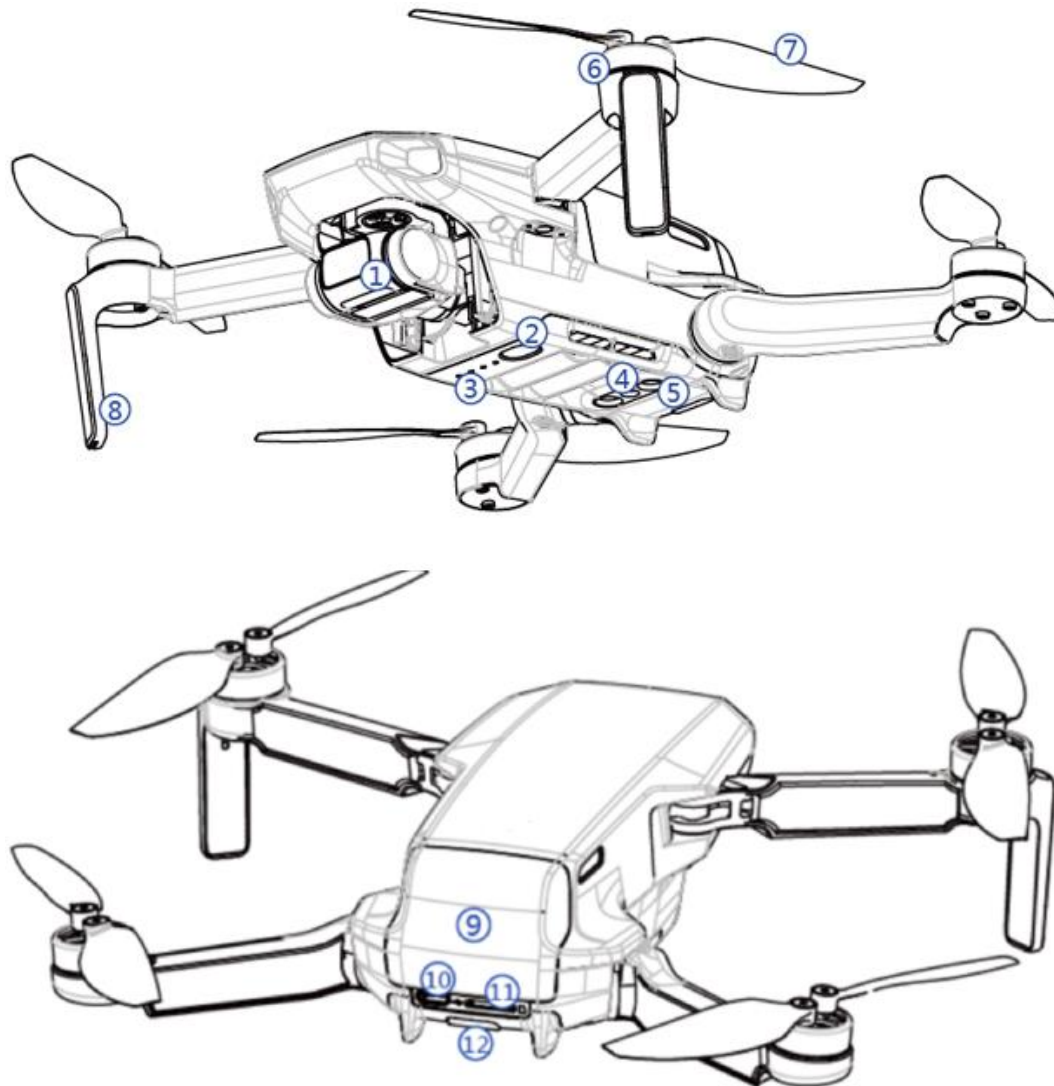
# SPECTA MINI

Quick Start Guide

v1.0

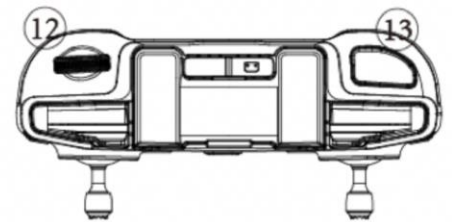
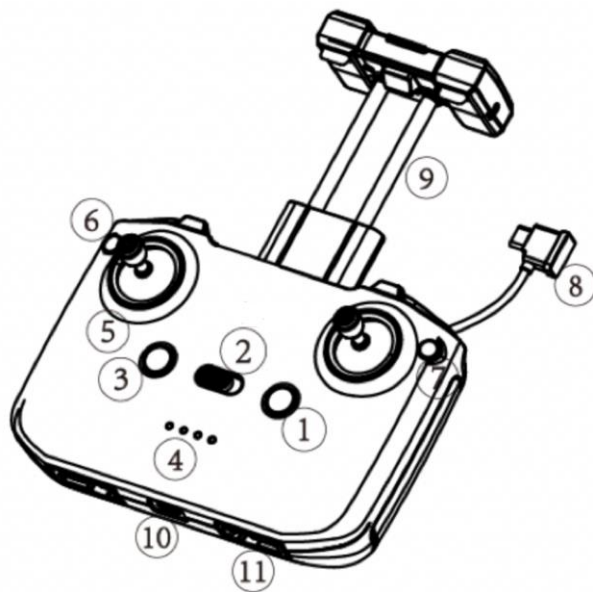


## Aircraft (Model: TQFDUB1)



1. Gimbal and Camera
2. Power Button
3. Battery Level LEDs
4. Downward Vision System
5. Infrared Sensing System
6. Motors
7. Propellers
8. Antennas
9. Battery Cover
10. Charging/Upgrading Port (**USB-C**)
11. microSD Card Slot
12. Aircraft Status Indicator

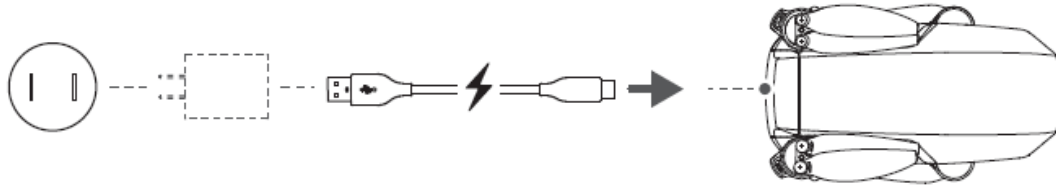
## Remote Controller (Model: GL32)



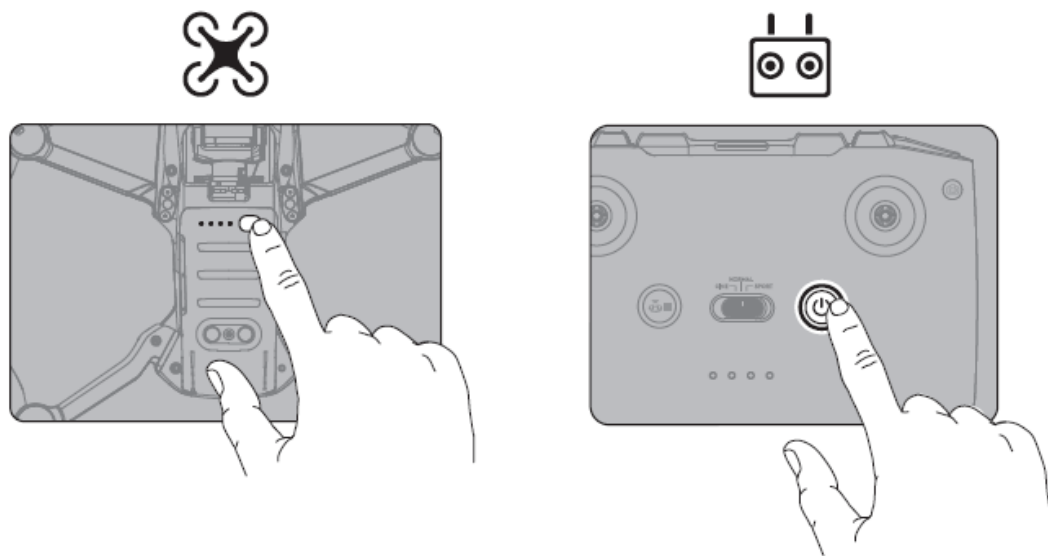
1. Power Button
2. Flight Mode Switch
3. Flight Pause/Auto Returning Button
4. Battery Level LEDs
5. Control Sticks
6. Customizable Button
7. Photo/Video Toggle
8. Remote Controller Cable
9. Mobile Device Holder
10. USB-C Port
11. Control Sticks Storage Slot
12. Gimbal Dial
13. Shoot/Record Button

## Charging the Batteries

Charge to activate the Intelligent Flight Battery before using for the first time.



## Checking the Battery Levels and Powering On/Off



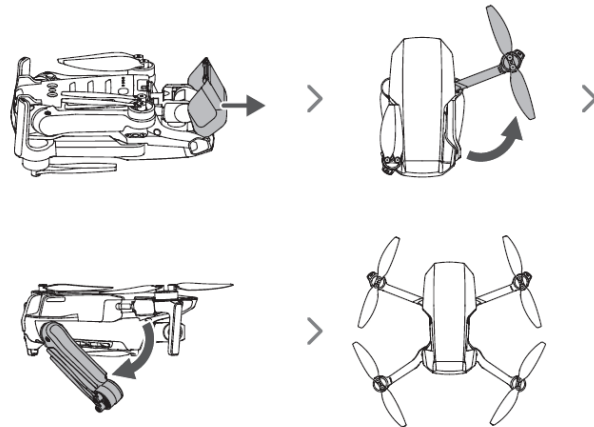
Low ● Battery Level → High



**Check battery level:** press once.

**Power on/off:** press, then press and hold.

## Preparing the Aircraft

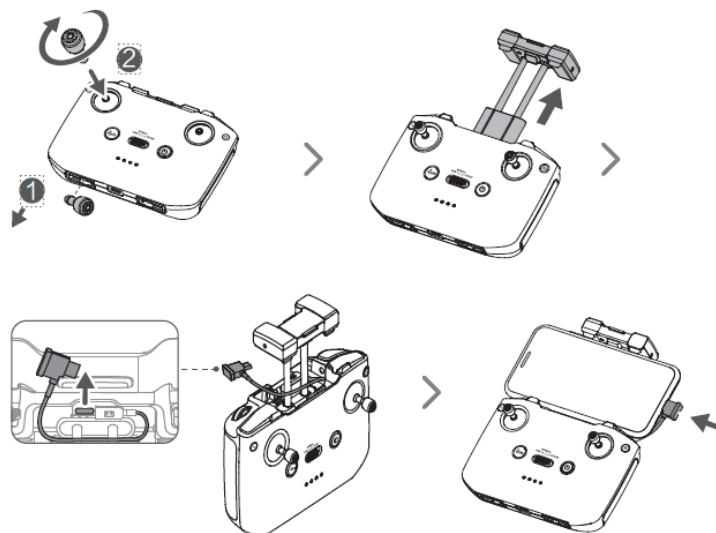


1. Remove the gimbal cover from the camera.
2. Unfold the front arms and the propellers.
3. Unfold the rear arms and the propellers.
4. Unfolded.



Unfold the front arms and the propellers before the rear ones. All arms and propellers must be unfolded before takeoff.

## Preparing the Remote Controller

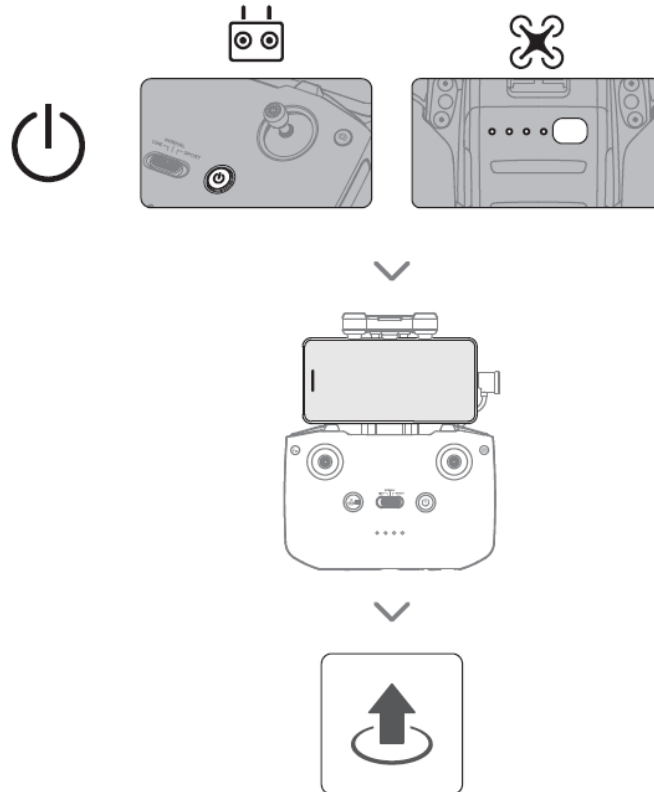


1. Attach the control sticks.
2. Pull out the mobile device holder, and then unplug the end with mobile phone mark of the RC cable.
3. Place the mobile device onto the mobile device holder, and plug the RC cable into the mobile device.



- Ensure the control sticks are firmly mounted.
- The remote controller cable with the Lightning connector is mounted by default. Use the appropriate cable for your mobile device to connect to the remote controller.

## Preparing for Takeoff



1. Power on the remote controller
2. Power on the aircraft
3. Launch Specta App

# Flight

- Auto Takeoff / Landing



Auto Takeoff



Auto Landing

- Manual Takeoff / Landing

Combination stick command  
to start/stop the motors



OR



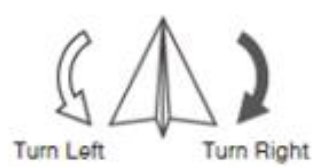
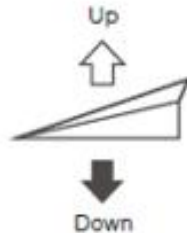
Left stick up (slowly)  
to take off



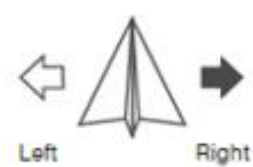
Left stick down (slowly) until you  
touch the ground  
Hold a few seconds to stop the  
motors

## Remote Controller Operation

Left Stick



Right Stick



# Specifications

## Aircraft (Model: TQFDUB1)

Weight	<249 g
Operating Temperature	0° to 40° C (32° to 104° F)
Operating Frequency	2.4000-2.4835 GHz 5.725-5.850 GHz
Transmitter Power (EIRP)	2.4 GHz: <26 dBm (FCC) 5.8 GHz: <26 dBm (FCC)

**Remote Controller (Model: GL32)**

Operating Frequency	2.4000-2.4835 GHz 5.725-5.850 GHz
Max Transmission Distance (Unobstructed and free of interference)	10 km (FCC)
Transmitter Power (EIRP)	2.4 GHz: <26 dBm (FCC) 5.8 GHz: <26 dBm (FCC)
Operating Voltage	1200mA @ 3.6 V (Android) 700mA @ 3.6 V (iOS)

**Intelligent Flight Battery ((Model: BSPE-2250-2S)**

Capacity	2250 mAh
Standard Voltage	7.7 V
Battery Type	Li-ion
Charging Temperature	5° to 40° C (41° to 104° F)

**Compliance Information**

FCC Compliance Notice

Supplier's Declaration of Conformity

Product name: SPECTA MINI

Model Number: TQFDUB1

Responsible Party: VISHTEC LLC

Responsible Party Address: 9888 W Belleview Ave Ste 2142, Denver, CO 80123, United States

We, VISHTEC LLC, being the responsible party, declares that the above mentioned model was tested to demonstrate complying with all applicable FCC rules and regulations.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following



measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### RF Exposure Information

The aircraft complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This remote controller complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body.