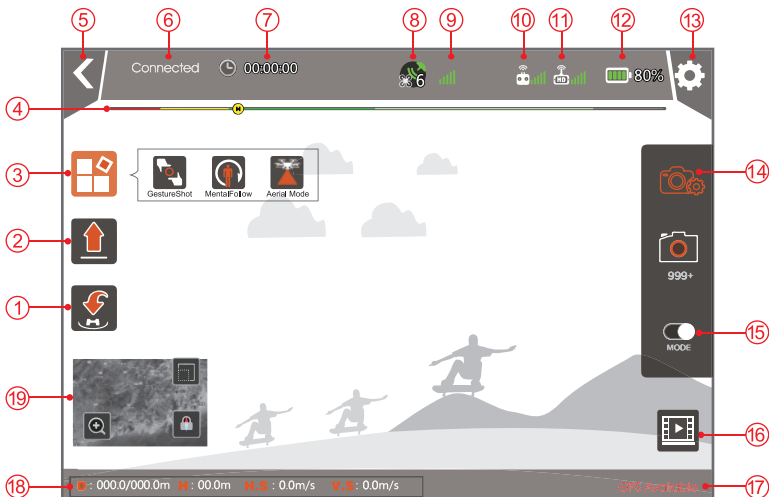# 7.0 Walkera Drone Operating Main Interface Instructions

In the interface, HD video and photographs can be real-time previewed, as well as the dynamic setting parameters, such as aircraft, remote controller, gimbal and battery.

1. Return Home [ ]: Click it, the aircraft stops waypoints flying, and return back automatically.

2. Auto Takeoff [ ]: Click it, the aircraft takes off automatically.

3. Function box [ ]: Gesture shot, Mental Follow, and Aerial Modes.

4. Battery level return [ ]: When the residual battery level reach ，aircraft will auto return back.

5. Return [ ]: Return to last step.

6. Device connection status: Display connected or disconnected.

7. Flight time [ ]: Aircraft flight time

8. Number of aircraft satellite [ ]: Displays the received satellites of aircraft.

9. Positioning accuracy [ ]: Displays accuracy of aircraft positioning accuracy.

10. Remote controller signal strength [ ]: Displays the signal level between remote controller and aircraft.

11. Camera signal [ ]:

12. Battery level [80%]: Real-time display of current smart flight battery remaining level (voltage customizable)

13. Setting [ ]: Click the icon to open the setting menu to perform general settings, settings for aircraft, remote controller, gimbal & battery

14. Camera setting [ ]: Click the icon to show professional, image, video and other settings. Under the same resolution, the higher the code rate is, the better the image quality is, and the video transmission distance can be accordingly reduced.

15. Photo & video switch [ ]:

Photo: Photo button is used to trigger the camera to take pictures. While this function also supported in the remote controller.
Video: video button to start/stop video. You can also press the video button on the remote controller for video.
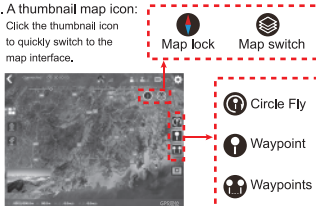
16. Video display [ ]

17. GPS positioning status: When connected, "GPS positioning" appears; when disconnected, "GPS not positioning" appears.

18. Flight status parameters:

Distance: horizontal distance of aircraft with returning point.
Height: vertical distance of aircraft with returning point.
Horizontal velocity: speed of aircraft in a horizontal direction.
Vertical speed: speed of aircraft in the vertical direction.

19. A thumbnail map icon:

Click the thumbnail icon to quickly switch to the map interface.

Map lock　　Map switch
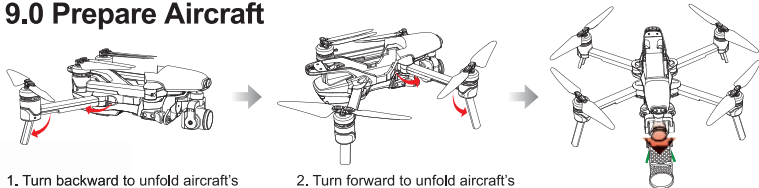
Circle Fly

Waypoint

Waypoints

-7-

8.0 Walkera GO Game Main Interface Instruction

The Walkera GO will activate once you start the Aircraft Auto with a strong GPS signal.

1. FPV simulation mode: Just connecting remote controller with your cellphone, you can enjoy a flight experience simulating a real scene.
2. MR games: With virtual reality combined with game, it has 3 game modes including racing, collection & battle.
   Racing Mode: Click to enter Racing mode. You can set up a virtual circuit in a real scene, practice the racing flight, and improve your flight technology.
   Collection Mode: Click to enter Collection mode. You can follow a prescribed route to collect COINS, and win rewards after completing the game.
   Battle Mode: Click to enter Battle Mode. Powerful aircraft appears in around you, start the fire and shoot down enemy planes to win the game.
3. Aerial mode: Simple aerial photo mode, photography & video.
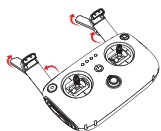
9.0 Prepare Aircraft

1. Turn backward to unfold aircraft's rear arm, propeller and landing gear. Mount the stand cushion(B).

2. Turn forward to unfold aircraft's front arm, propeller & landing gear. Mount the stand cushion(A).
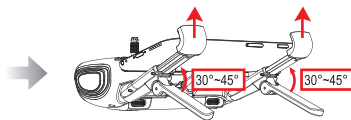
3 press the green position and remove the Camera fixture.

⚠ Attention:
• Be sure to unfold rear arm before unfold front arm. Start aircraft after arm, propeller and camera mount are fully unfolded.
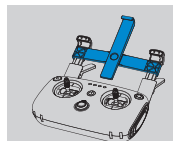
10.0 Prepare Remote Controller

1. Unfold antenna & mobile device holder.

2. Pull upward mobile device holder, place a cellphone and clamp it. Adjust antenna & mobile device holder, make their included angle between 30°~45°.
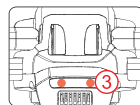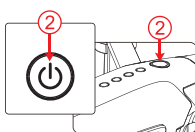
30°~45°   30°~45°

Mount the tablet support, which maximum size can be up to 8.0".

11.0 Read for Flight

Place the aircraft in an open outdoor area, with its tail facing toward operator.

11.1 Aircraft Starting/Code-matching

① Insert the battery.

② Start remote controller and smart flight battery.

③ Place aircraft at horizontal position, ***right red LED light flashing until steady on indicates completion of*** IMU prewarming & code-matching.

(Right/left red LED lights alternatively flashing indicates aircraft being abnormal, see also APP tips.)

① ② ② ③

④ Open the Mobile Wi-Fi device, wait for 30 seconds, when at the same time appear "Vitus-Ground-***" and "Vitus-Air-***" , click "Vitus-Ground-***" , input password "1234567890" to connect and exit settings after a successful connection.

11.2 APP Connection

Connecting operation app. Walkera Drone

Walkera Drone

1. Click the icon on cellphone.

2. Choose aircraft VITUS, touch "Go to connect".

3. Enter main interface.

Connect game software Walkera GO

Walkera GO

1. Click the icon
on mobile device
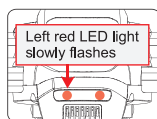
2. Connecting ......

3. Enter main interface

⚠ Attention:
• Walkera GO & Walkera Drone cannot be simultaneously used on the same mobile device,
  you can use another APP only when an App is exited.
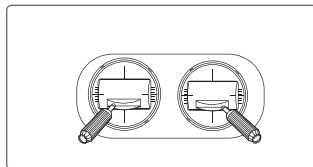
11.3 GPS Indicator Lights

When the left red LED light slowly flashes,
you can work the GPS function

Left red LED light
slowly flashes

11.4 Motor Unlock/Lock

Motor Unlock

After successful code-matching, move the left & right sticks
down and toggle them outward, and hold for 1.5 seconds.
You will see **the right red LED light flashes**, indicating
that motors are unlocked. The unlocked motors will rotate,
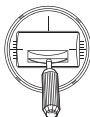and immediately release sticks.

Motor Lock

There are two methods to lock the motors:

Method 1: When the aircraft has land, push and hold the throttle stick down. The motors will stop after 2 seconds.
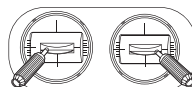
Method2: Move the left and right stick down while toggle them outward and hold for 2 seconds.

You will see **the right red LED light always on**, indicating that motors are locked.

Method 1

Method 2

12.0 Flight Control

1) Make sure that the GPS signal is received (left red LED light blinks).

2) Only when "Connected" displays on the status indicator column above the Walkera Drone APP, you can perform APP operation.

3) Please unlock motors before takeoff. (refer to Page 10 for the detailed method)

AUTO takeoff (APP operation)

Click this icon on APP main interface, the aircraft will take off automatically.

Attention:

1) Auto Takeoff is usable only under AUTO mode or Motion mode.

2) Auto takeoff default to 3m altitude, and it can be removed by pushing the throttle to midpoint or above, whenever manual control over the throttle is needed.

Auto Landing(APP operation)

Click this icon on APP main interface, the aircraft will take off automatically.

Attention:

During landing, you can operate the aircraft forward, backward, rightward and leftward.

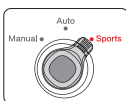## AUTO Mode (Remote controller operation)

Switch to "Auto" position

Attention:

1) After energized each time, the first flight is default to AUTO mode.

2) In the AUTO mode, there are Altitude Hold, Fixed Point, and Brake Function, the flight speed is slower (≤5m/s).

3) When GPS signal is weak or disappearing, only Altitude hold rather than Fixed point is available.

4) No fixed point available in the Manual mode.

Sports Mode (Remote controller operation)

Switch to "Sports" position

Attention:

1) In the Sports mode, there are Altitude Hold, Fixed Point, and Brake Function, the flight speed is faster (≤8m/s).

2) When GPS signal is weak or disappearing, only Altitude Hold rather than Fixed Point is available.

3) No Fixed Point available in the Manual mode.

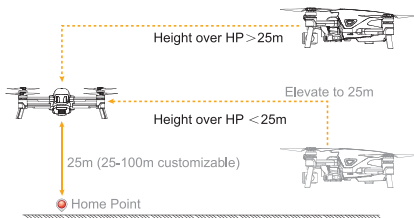**Return to Home (Remote controller or APP operation)**

Click this icon on the APP interface, the aircraft will return automatically.

Auto
Manual ● | ● Sports

Short press ⓗ ,
the aircraft will return automatically.

Horizontal distance between aircraft & Home point＞30m

a. When the flight altitude is over 25m, the aircraft will keep the current altitude and return above the Home Point, then descend vertically.

b. When the flight altitude is under 25m, the aircraft will elevate to 25m high, then fly back above the HP, and descend vertically.

Height over HP＞25m
Elevate to 25m
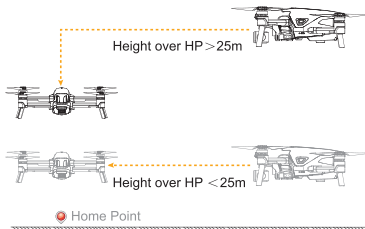Height over HP＜25m
25m (25-100m customizable)
Home Point

Horizontal distance between aircraft & Home point＜30m

a. When the flight altitude is over 25m, the aircraft will keep the current altitude and return above the Home Point, then descend vertically.

b. When the flight altitude is under 25m, the aircraft will keep the current altitude and return above the Home Point, then descend vertically.

Height over HP＞25m
Height over HP＜25m
Home Point

Attention:

1) To enter a key return, please don't move other switches and buttons.
2) When the aircraft losses the remote controller signals, it will automatically enter Failsafe RTH.
3) When aircraft battery voltage is too low, and aircraft with Home point horizontal distance is greater than 30m, the aircraft will automatically return back. When the aircraft with Home point horizontal distance is less than 30m, the aircraft will return automatically from the current position and land.
4) When GPS signal is abnormal or GPS not working, Auto return is unusable, but auto landing usable.