# User Manual for Smart Foldable Drone with 1800mAh Battery & 4K Camera F3

Specifications

- Camera: 4K HD, 45-degree rotation (front); 1080p (bottom)
- Field of view: 110-degree, wide-angle (front)
- rone battery: 1800mAh
- Remote control battery: 4x AAA (not included)
- Flying time: 25min
- Charging time: about 2h, via USB
- Remote control distance: up to 8km
- Dimensions (folded): 15cm x 8cm x 7cm
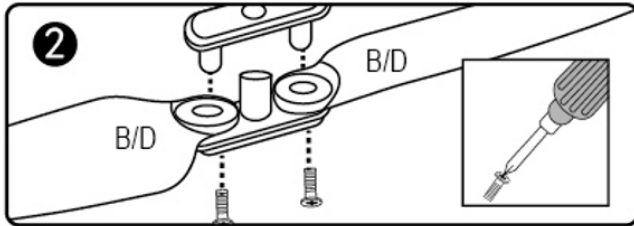- Dimensions (unfolded): 33cm x 33cm x 7cm
- Weight: 850g
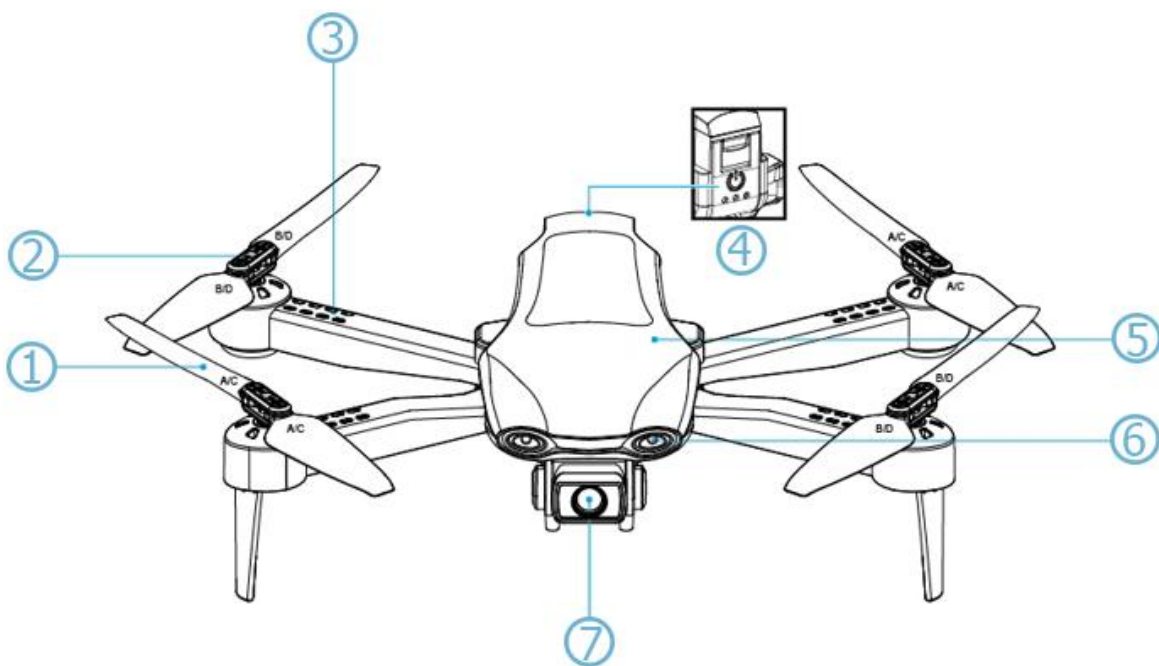
1. Blade
2. Blade clip
3. Motor
4. Battery
5. Housing
6. LED light
7. Camera

Replacing the blades
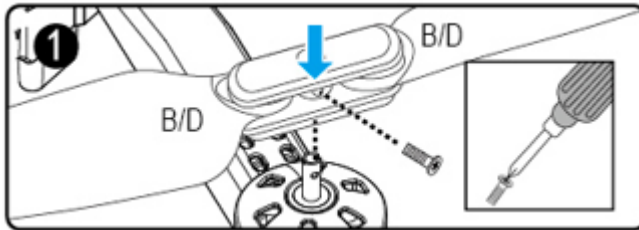
Unscrew the bolt and remove the blades. Note that blades are labeled with letters, and you have to install the according to the picture, or the drone won't take off.

Unscrew the bolt to separate the two blades and replace them. Replace the damaged D/B labeled blade with the new D/B labeled blade and the damaged A/C with the new A/C blade.

Charging the drone

First, push the battery lock of the drone (1) and remove the batteries (2). Insert the USB cable into the USB port on a power supply[1], and connect the other side to the battery port. When charging, the drone's red indicator light is on, and the green light is flashing. When the battery is fully charged, the red indicator light goes off, and the green indicator light will stay on, indicating that the battery is charged
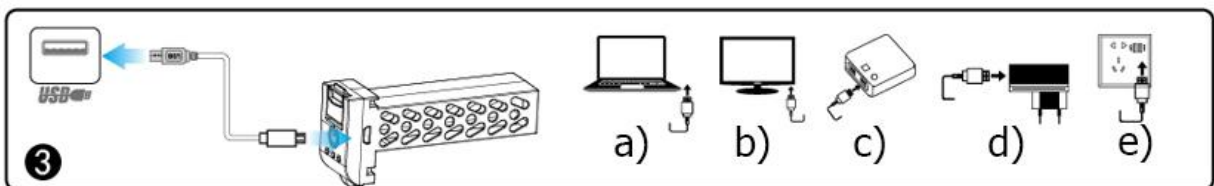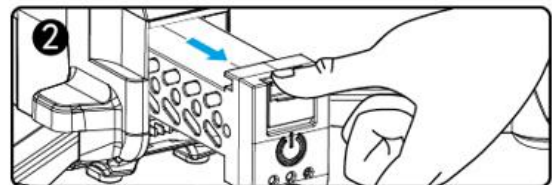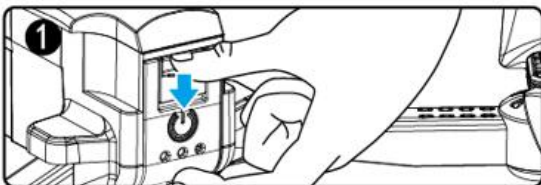
1. Power supply should have the maximal output of 5V, 2A, and it can be:
   a) Laptop computer
   b) Desktop computer
   c) Portable power source
   d) USB power adapter
   e) USB power socket

Controller components and battery installation
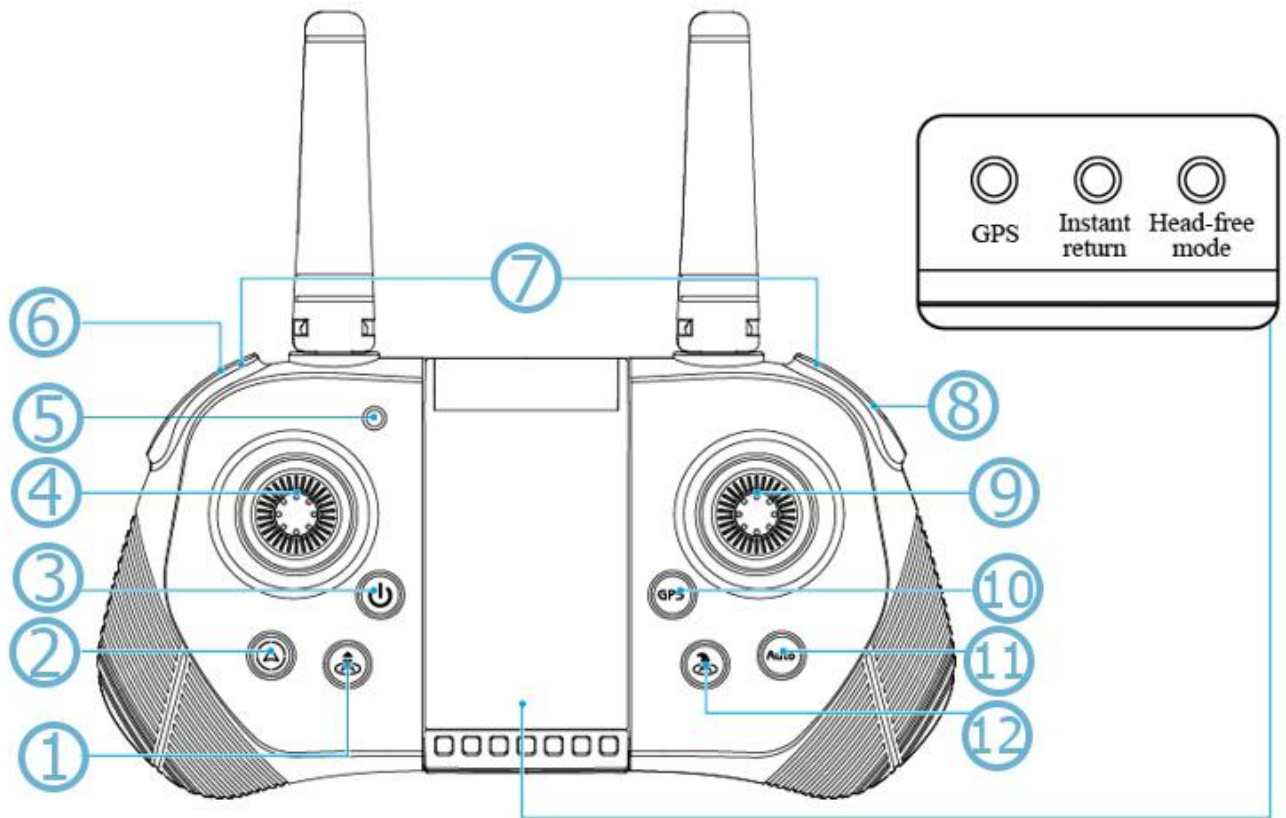
1. Instant take-off/landing
2. Compass calibration (long press for 3s)
3. Power switch
4. Left joystick
5. Power indicator
6. Fine-tuning (hold)/speed gear

7. Emergency buttons (hold simultaneously)
8. Photo/video (long press)
9. Right joystick
10. GPS switch
11. Head-free mode
12. Instant return

To install the batteries, press the battery cover button and remove it. Install the new AAA batteries according to the polarity instructions on the battery holder.

The 4DRC PRO app

To download the 4DRC Pro app for your device, go to Google Play Store for Android or App Store for the iOS system, find and download the app and install it. Or scan the corresponding QR code below.
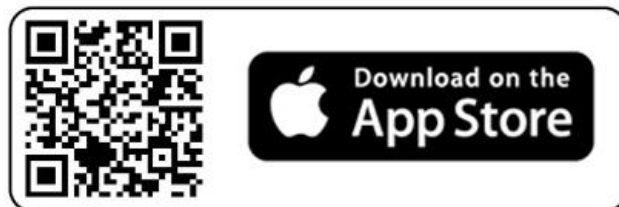
To link the drone, you have to turn it on first. Then on your device, go to wireless network settings, find "4DRC-4K-GPS *****", and connect to it, and that's it.

Open the 4DRC Pro app on your device, and go into the control interface. The controls are:

1. Distance information
2. Instant return
3. Unlocking
4. Instant return
5. Take-off/Landing
6. Return
7. More functions
8. GPS satellite
9. Flight condition (connection status)
10. WiFi signal
11. Battery level
12. More settings
13. Photo/Video switch
14. Shutter
15. Medial library
16. Flight records
17. Zoom
18. Filter
19. Lens switch
20. Add music
21. Photographing by hand
22. Unlocking
23. Invert camera
24. 3D
25. Multi-place flight
26. Follow
27. Circle flight
28. Find airplane
29. Speed gear
30. Lens switch
31. Flight altitude
32. Distance information
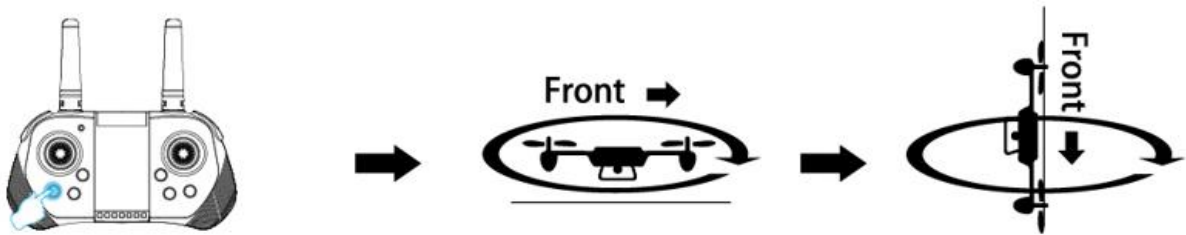33. Beginner mode
34. On/Off
35. Storage

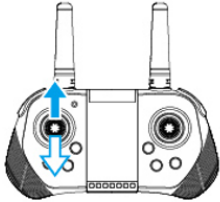H: N/A   D: N/A   V.S: N/A   H.S: N/A
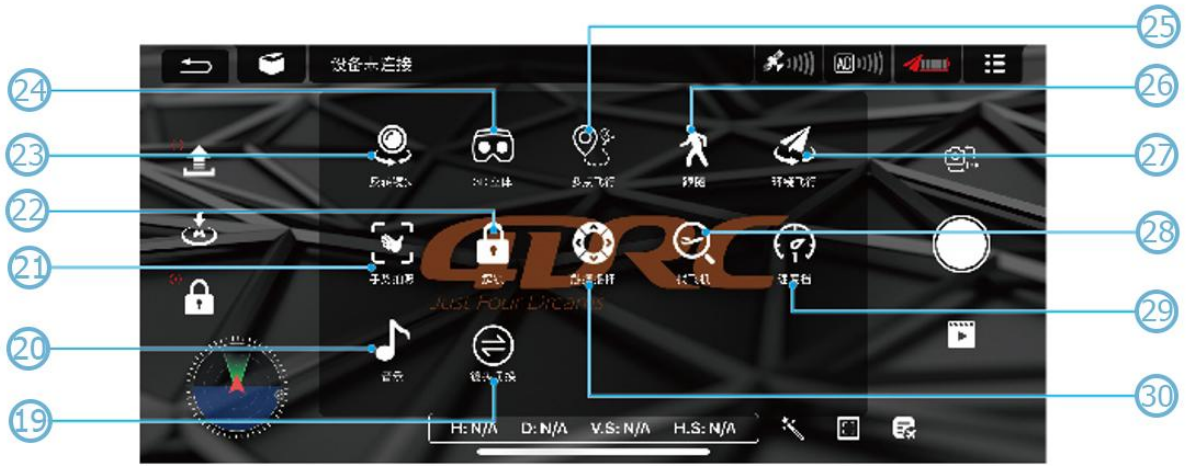
Flight preparation
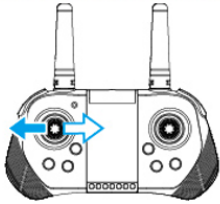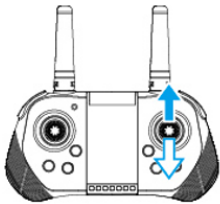
Turn on the drone and put it on the horizontal place for automatic frequency mathing. The front white and the rear red indicator lights will start flashing and the battery indicator will be on. Connect to the drone to your device via WiFi connection and open the app. Turn on the remote controller and the indicator light will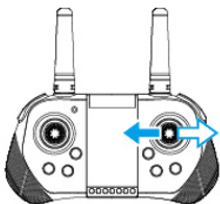 light up. Push the throttle joystick maximal up and the maximal down to match the frequency. When it's matched, the UAV light will stop flashing and stay on.

Push the left and right joysticks to the lower left corner and the white and red indicator on the drone will start flashing. When those indicators stay on means that the horizontal calibration is completer and the remote controller will also beep for confirmation.

For the geometric calibration long press the Compass calibration button until the white and red indicator lights starts flashing. Rotate the drone clockwise horizontaly (middle position on the picture below) until the controller beeps indicating that the horizontal geometric calibration is completed. Then rotate the drone again clockwise with the tail going upward until the controller beeps indicating that the geometric calibration is completed.

Operation methods

Push the left joystick up, and the main blade speed increases and the drone rises. Push the left joystick down and the drone lowers down.

Push the left joystick left or right and the drone will turn left or right accordingly.

Push the right joystick up and the drone will fly forward. Push the right joystick down and the drone will fly backward.

Push the right joystick left or right and the drone will fly to the left or to the right accordingly.

Press the Instant return button on the controller and the drone will get back to the starting position and land slowly. If there are any obstacles, press the Instant return button again to turn off the function, and manually fly the drone to avoid the obstacles, and then press the Instant return button.