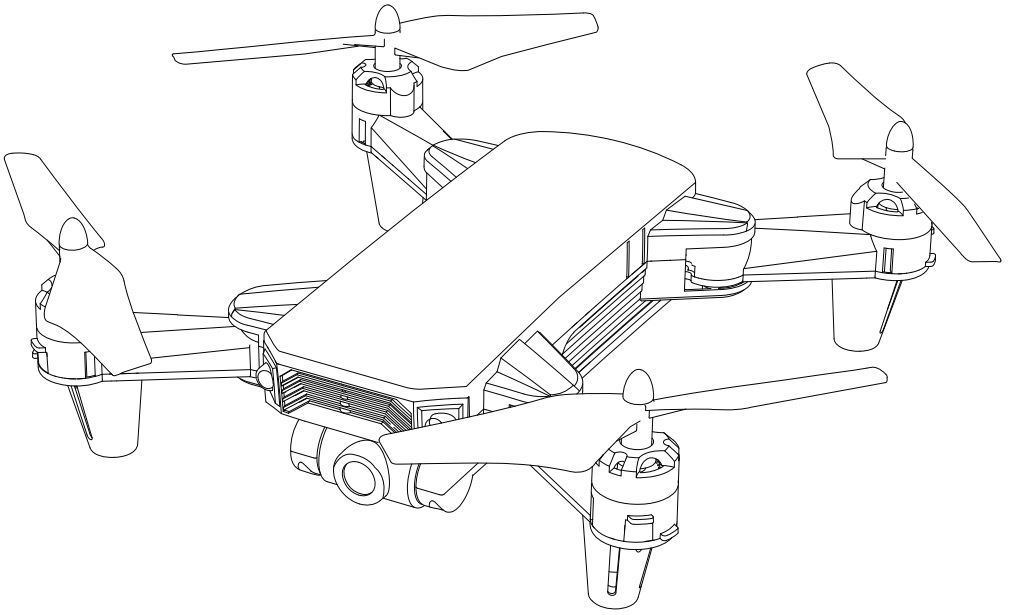
DEERC

Instructions For Use

V 1.0



D20-1080P

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DISCLAIMER & WARNING

1. Please read this Disclaimer & Warning and Safety Guidelines carefully before using our product. By using this product, you hereby agree to this disclaimer and signify that you have read it fully. You agree that you are responsible for your own conduct and any damage caused while using this product, and any consequence. You agree to only use this product for it's designed purposes and in accordance with the local laws, regulations and all applicable policies and guidelines that DEERC may provide.
2. When using this product, please be sure to strictly abide by the specification requirements and safety guidelines stated in this document. Any personal injury, property damage, legal disputes and all other adverse events caused by the violation of any of the safety instructions or due to any other factor, WILL NOT be DEERC's responsibility.

SAFETY GUIDELINES

CHECK BEFORE USE

① This product is a high precision drone that integrates various electronic stability and control mechanisms. Please be sure to configure this drone carefully and correctly to ensure safe, accident-free operation.
② Ensure that the batteries of the drone and transmitter are clean, undamaged, and fully charged before every use.
③ Ensure that all the propellers are undamaged and are installed in the correct orientation.

SAFETY GUIDELINES

④ Please perform a thorough check of the product before each use. Inspect the integrity of the parts, any signs of cracks and wear off on the propellers, battery power and effectiveness of the indicator, etc. If there is any problem found after checking the drone, please refrain from using it until the problem is resolved.

FLIGHT ENVIRONMENT



Fly in Open Areas + **Maintain Line of Sight** + **Fly Below 131 ft (40 m)**



Avoid flying over or near obstacles, crowds, high voltage power lines, trees, airports or bodies of water.
DO NOT fly near strong electromagnetic sources such as power lines and base stations as it may affect the onboard compass.
DO NOT use this drone at night.



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

SAFETY GUIDELINES

OPERATION REQUIREMENTS

① DO NOT use this product to follow any moving vehicles.

② During the flight, turn off the motors only in case of an emergency.

③ When the battery runs low, return the drone back to your starting point.

④ DO NOT use this product if you feel tired, take medicine or feel unwell and drink alcohol.

⑤ Be aware of the volume of noise that the drone produces. Please ensure to keep your distance to avoid ear damage.

⑥ To ensure safety and airworthiness, refrain from attaching any unauthorized items or devices to the aircraft.



⑦ **Stay away from the rotating propellers and motors.**



⑧ **DO NOT fly in any spaces where drones are prohibited. Please respect people's right to privacy by not flying your drone close to others.**

USE OF BATTERY

① Please ensure batteries are fitted in the correct orientation as shown in the instruction manual.

② Avoid short circuits by fitting the batteries correctly, and do not crush or squeeze the batteries as this could cause the risk of a fire or explosion.

③ DO NOT mix new and old batteries as this can lead to a poor performance of the product.

④ Please dispose of used batteries carefully, do not litter and recycle where ever possible.

⑤ DO NOT expose dead batteries to heat or fire or they may explode.

⑥ If the device is not going to be used for an extended period of time, please remove batteries to prevent potential damage to the drone from battery leakage.

SAFETY GUIDELINES

⑦ Only use the USB charging cable that comes with the drone to charge the battery.
⑧ DO NOT connect the battery directly to wall outlets or car cigarette -lighter sockets as this will damage your battery since they have different voltages.
⑨ DO NOT attempt to disassemble or modify the battery in any way
⑩ DO NOT use the battery if it gives off an odor, generates heat, becomes discolored, deformed or appears abnormal in any way. If any of these situations occur while the battery is in use or being charged, remove it from the device or charger immediately and discontinue use.
⑪ DO NOT pierce the battery casing with a nail or any other sharp object, break it open with a hammer, or step on it! Dispose or recycle this battery as it may cause personal injury or damage to your drone.
⑫ Always charge the batteries on a fireproof surface and away from combustible materials. DO NOT charge on surfaces that can catch fire, which includes: wood, cloth, and carpet.
⑬ DO NOT immerse the battery in water or get it wet.
⑭ DO NOT solder the battery terminal in any way.
⑮ Keep batteries out of reach of children or pets.
⑯ DO NOT short-circuit the battery by connecting wires or any other metal object to the positive(+) and negative(-) terminals.



Li-Po Battery Disposal & Recycling

Waste Lithium-polymer batteries must not be placed with household trash. To dispose of waste batteries, please contact the local environmental or waste agencies, the supplier of your model, or your nearest Li-Po battery recycling center.



MAINTENANCE

① Clean the drone after each use with a clean, soft cloth.

② Avoid prolonged exposure to direct sunlight and avoid buildup of heat on the drone or batteries.

③ This device is not waterproof and must not be submerged or subjected to water under any circumstance. Failure to keep the device completely dry may likely damage the unit permanently. Be aware that although it might be dry where you are, droplets of rain or mist from a river or waterfall could damage your drone where it is flying.

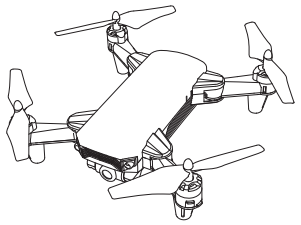
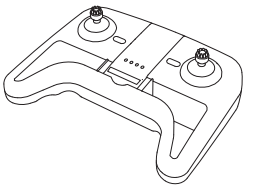
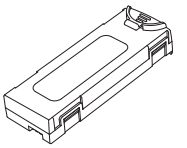
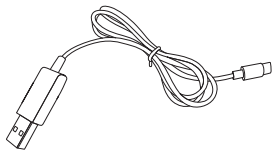
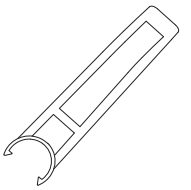
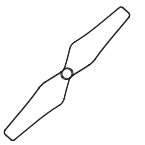
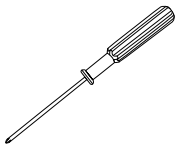
④ Frequently check the charging plug and other accessories for signs of damage. If any part of the device or cables are damaged, avoid using or charging until the damaged parts are replaced.

⑤ Pre-Flight: Conduct a thorough inspection of the product, ensuring its cleanliness and the absence of any sticky residues or foreign objects. Confirm that the aircraft, remote controller, and other components are intact and free from damage, the propellers exhibit no signs of cracks or wear, the battery is adequately charged, and the indicator lights function as expected. If any discrepancies or issues are identified during the inspection, it is advised to refrain from using the drone until the concerns are addressed.

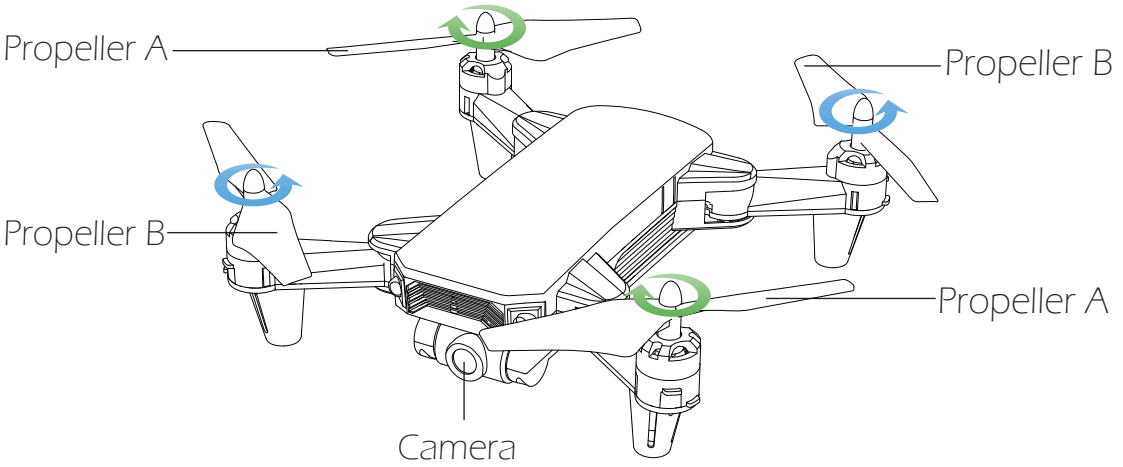
⑥ Post-Flight

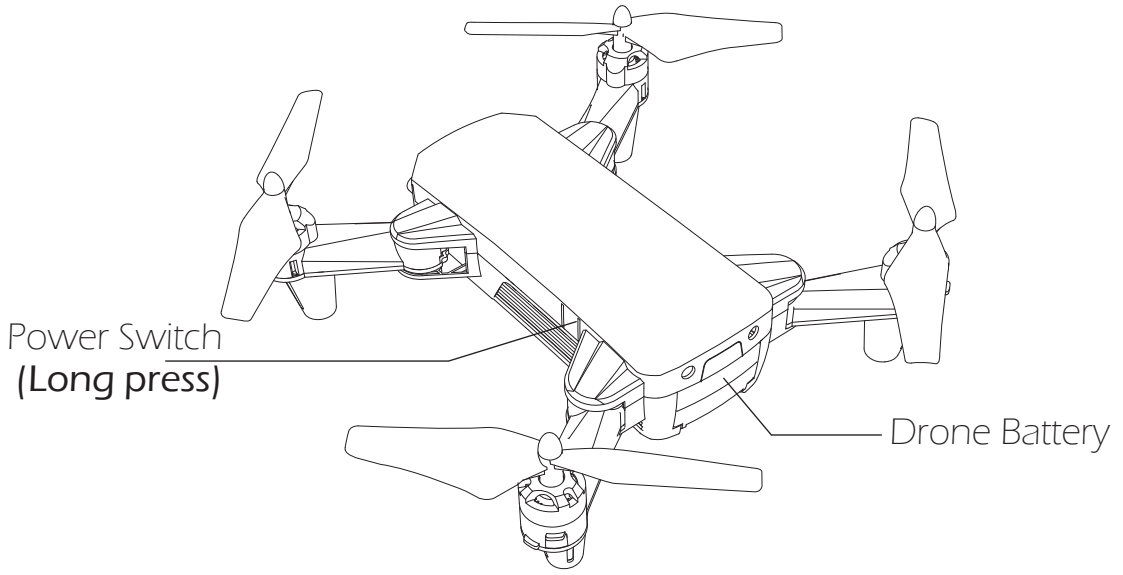
- Observe the drone for any damage from a potential collision or crash.
- Check to be sure all moving parts including the propellers are secure.
- Check the battery for signs of overheating, warping or swelling. If you notice any abnormality in the battery such as decoloring, remove it immediately from the drone.
- Check the levels and efficiency of the power of the battery.
- Clean all lights and be sure they are all functioning properly for the next flight.

PACKAGE CONTENTS

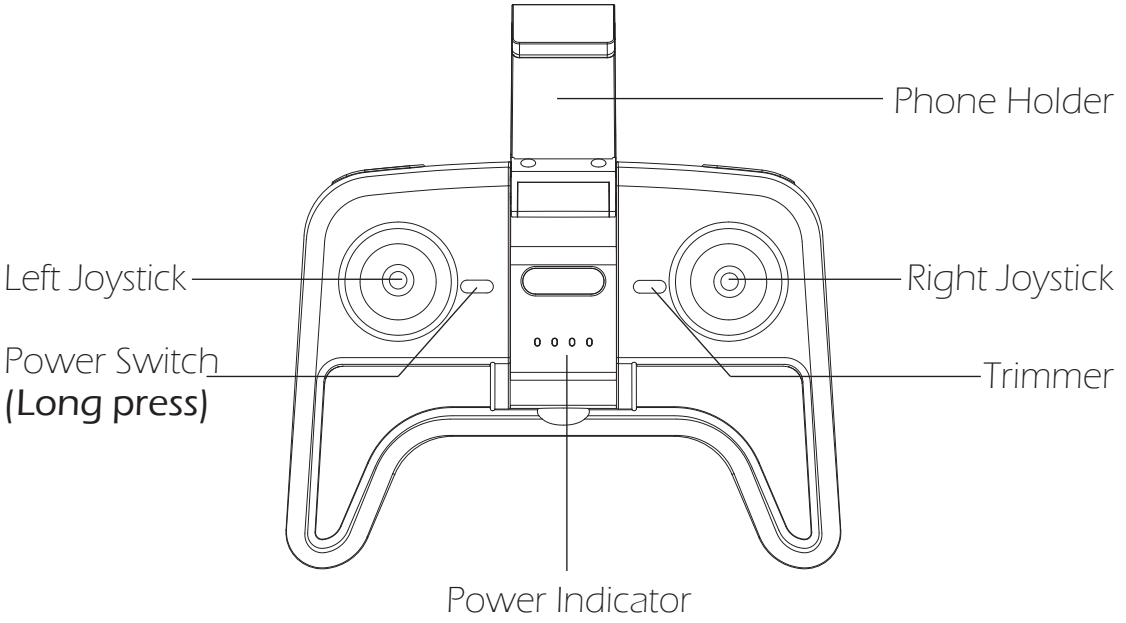
		
Drone	Transmitter	Drone Battery
		
USB Charging Cable	Propeller Guard	Propeller
		
Screwdriver	Instructions For Use	

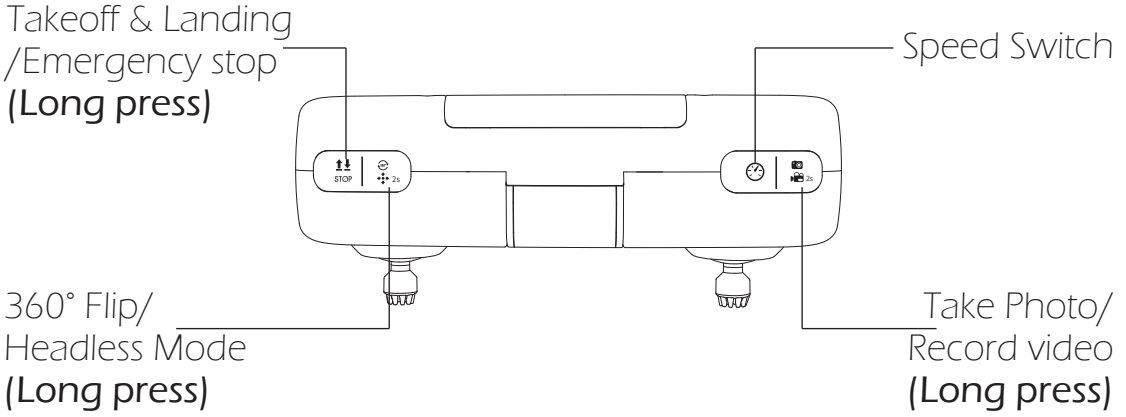
DRONE DETAILS





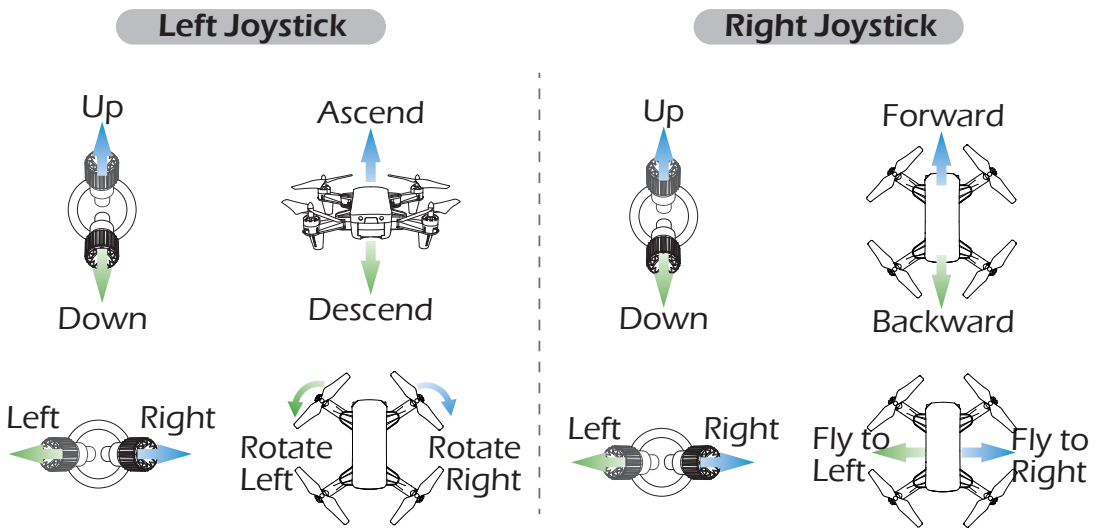
TRANSMITTER FUNCTIONS





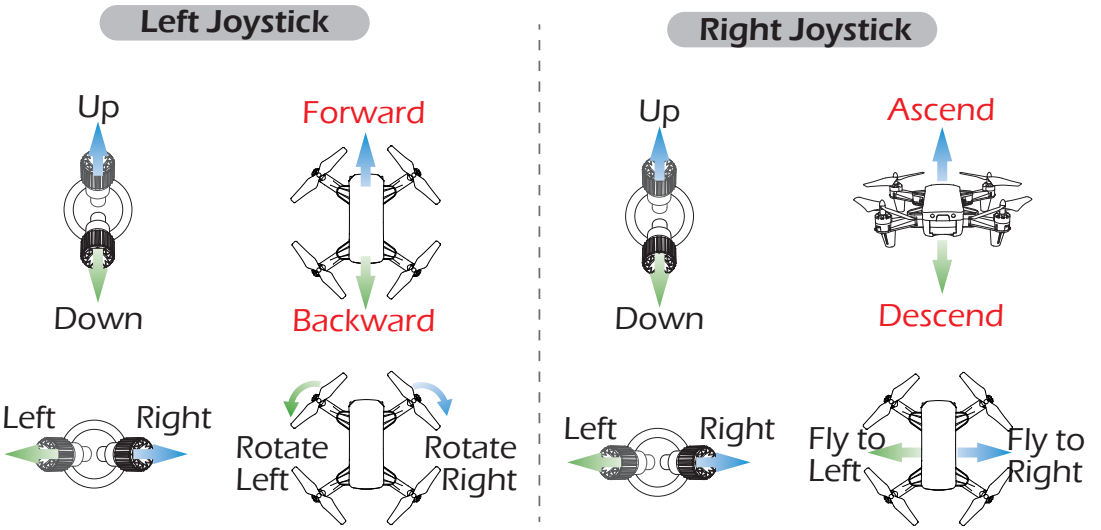
JOYSTICK MODE

MODE 2 (Left hand throttle MODE 2 will be the default setting.)



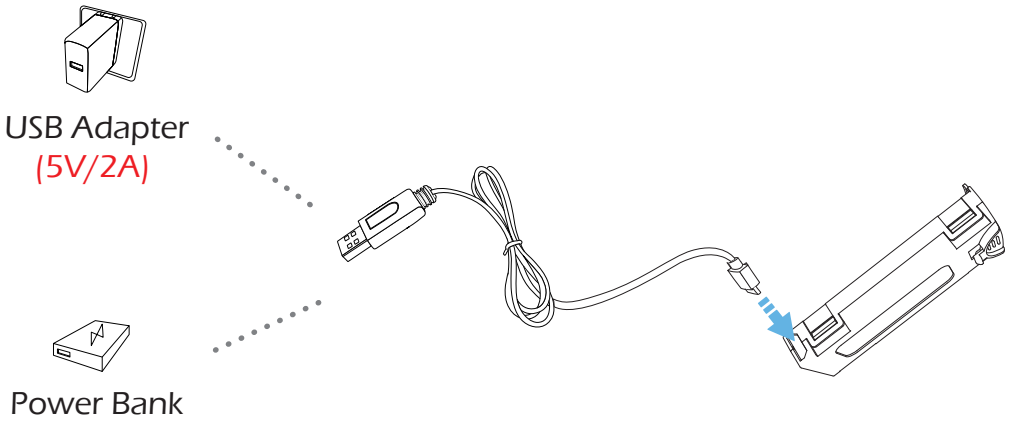
MODE 1

To enter MODE 1, turn on the transmitter while holding the "Speed Switch" button. (Please do not release the "Speed Switch" button until the transmitter is powered on.)



PREPARATION BEFORE FLIGHT

CHARGING



① Connect the the drone's battery with the USB Charging Cable.

② Plug the USB Charging Cable into a USB charging port on the power bank or USB adapter (5V/2A).

③ The red indicator light on the USB charging cable will turn on when the battery is charging, and will turn off when the battery is fully charged.

④ Charging time: about 80 minutes.

* Low Battery Signal: The indicator lights on the drone will flash continuously.

⚠ · Before charging, please read the instructions in the "Use of Battery" section of the "Safety Guidelines" carefully!

· Please use the original charging cable to charge the battery.

· DO NOT charge the drone battery immediately after a flight as the temperature of the battery may be too high. Please wait until it cools down to room temperature before charging again.

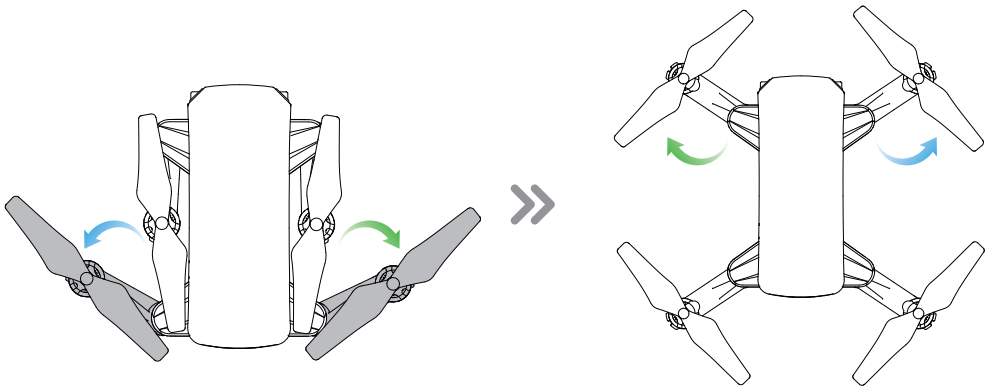
PREPARATION BEFORE FLIGHT

DOWNLOAD APP

Scan the corresponding QR code and download the **DE FPV V2** app for free.

The interface and functions of DE FPV V2 may vary as the software version is updated. Actual user experience is based on the software version used.

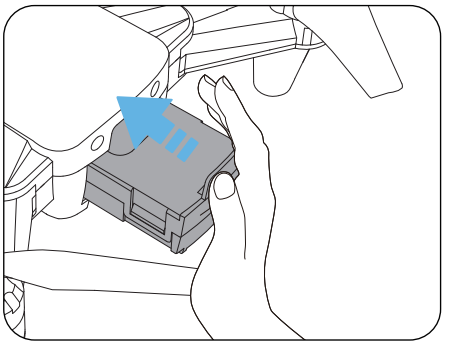
ARMS



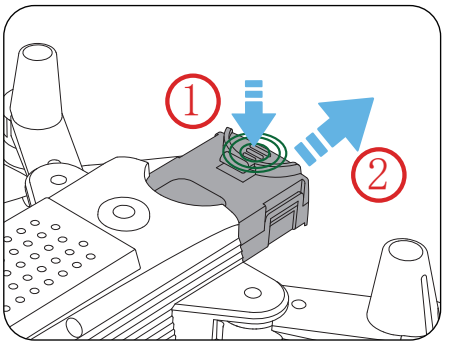
All arms of the drone are folded before the drone is packaged at the factory. First, unfold the rear arms, then unfold the front arms.

PREPARATION BEFORE FLIGHT

DRONE BATTERY



Pic 1

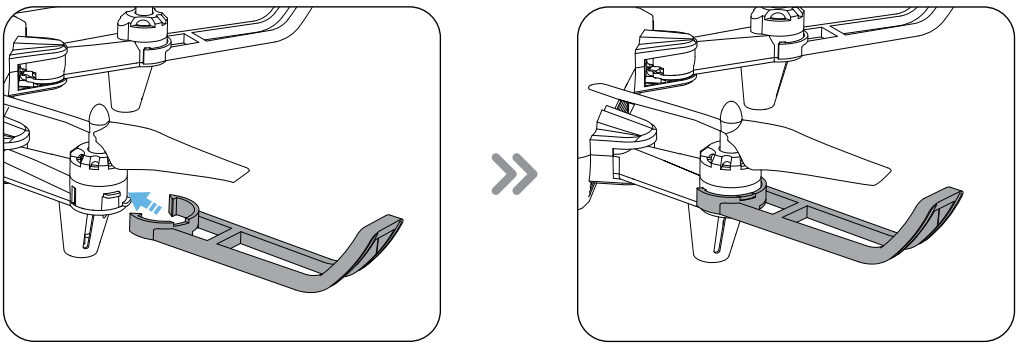


Pic 2

Installation: Push the battery correctly into the drone battery compartment. Make sure the battery is in place to ensure that the battery is jammed in the battery compartment. **(Pic 1)**

Removal: Press the lock on the bottom of the battery and pull it back to remove the battery from the fuselage. **(Pic 2)**

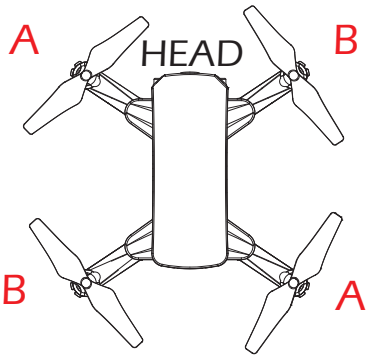
PROPELLER GUARD

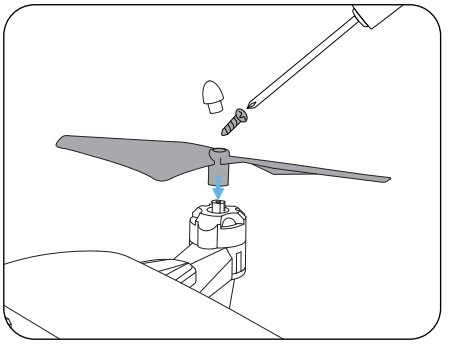


As shown in the picture, install the propeller guard to the motor base. Make sure that the propeller guard are clamped to the motor base to avoid the unnecessary loss and damage during flight.

PREPARATION BEFORE FLIGHT

PROPELLERS





Installation:

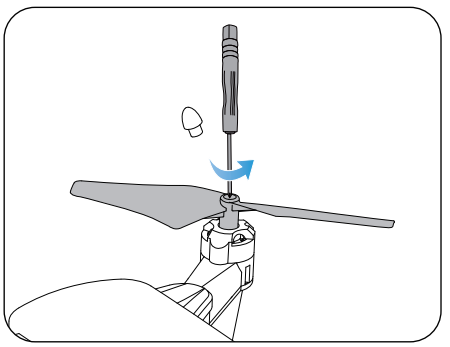
① An "A" or "B" is printed on the each propeller.

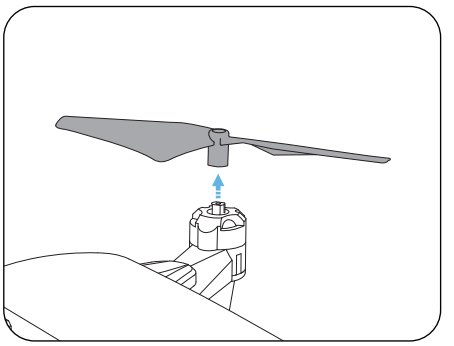
② Lock the propellers to the corresponding motor shafts (the motor shafts are also marked) with a screw.

③ Rotate each screw clockwise.

· The propeller is installed before the drone is packaged at the factory.

· The drone will not fly unless the correct propeller is installed on the correct motor shaft.

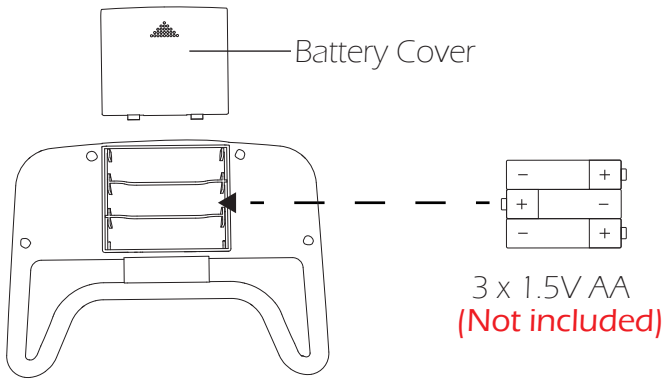




Removal: For propeller removal, use a screwdriver (provided) to rotate counter-clockwise and remove the propellers.

PREPARATION BEFORE FLIGHT

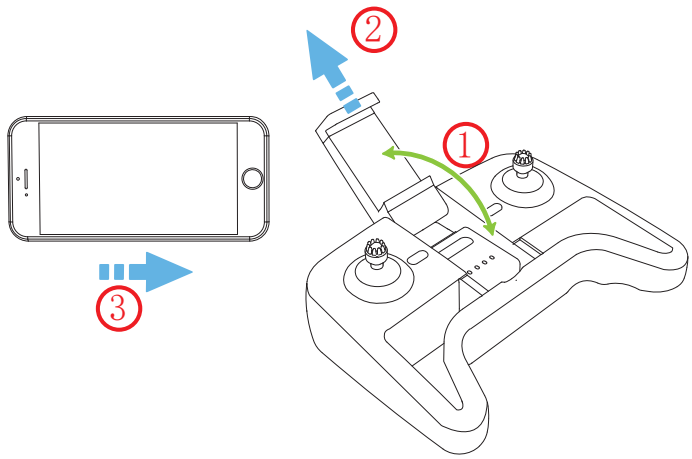
TRANSMITTER BATTERY



As shown above, insert the battery into the transmitter. Please pay attention to the positive and negative polarity of the battery to ensure the correct installation of the battery.

When the transmitter battery runs low, the power indicator of the transmitter will blink continuously.

PHONE HOLDER



As shown above, open the Phone Holder and put the phone. Then you can use the FPV real-time transmission function.

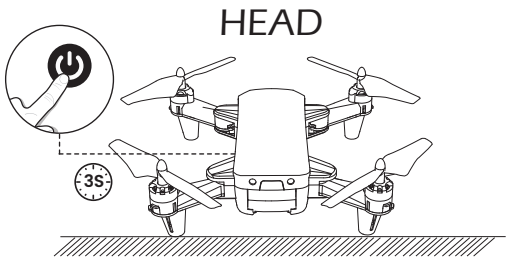
FLIGHT

All of the following operations in this manual use MODE 2.

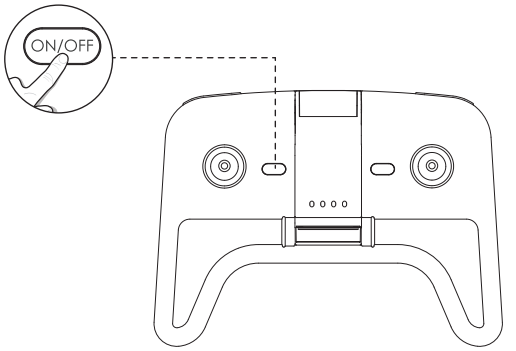
* If you first pair the drone with the transmitter, then with the cellphone, certain app functions will not work. Conversely, if you use the analog control sticks in the app to control the drone's movements first, you cannot pair the drone with the transmitter then.

PAIRING

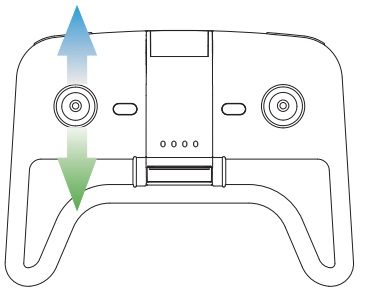
① Long press the power button to turn on the drone. Then place the drone on a flat and level surface with its head facing forward and its tail toward the pilot.



② Long press the Power Button (ON/OFF) on the transmitter to turn it on and you will hear "Di", then the indicator light on the transmitter begins to flash.

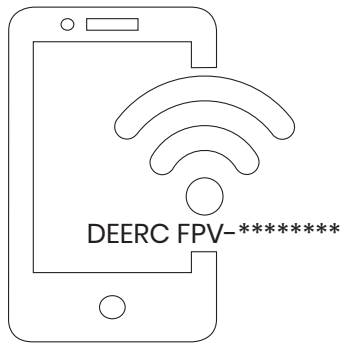


③ Push the left joystick up then down to pair the drone with the transmitter. The indicator lights on the drone and transmitter will turn solid if the drone is paired successfully.



FLIGHT

CONNECT TO WI-FI



Connect your phone to the Wi-Fi network created by the drone. You can check the drone's status on the **DE FPV V2** App.

① Make sure to turn off Bluetooth, Mobile Data, and VPN. Enter your phone's Wi-Fi settings and click Wi-Fi to search for the Wi-Fi of the drone. (Make sure to turn on the drone before going to the Wi-Fi settings on your phone)

② Select the Wi-Fi network: DEERC FPV-********.

③ Wait for a couple of seconds for your phone to connect to the drone's Wi-Fi.

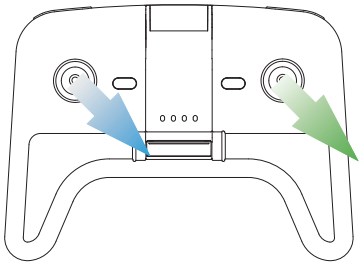
④ Enter the **DE FPV V2** application.

> The connection between your phone and the drone is established automatically.

Because the Wi-Fi network created by the drone cannot access the internet, your phone may inform you in various ways, like saying the connection isn't secure, or there is no internet connection, etc. Please ignore these messages. Or, in the case of getting Pop-ups, choose the option that allows you to stay with the current Wi-Fi.

FLIGHT

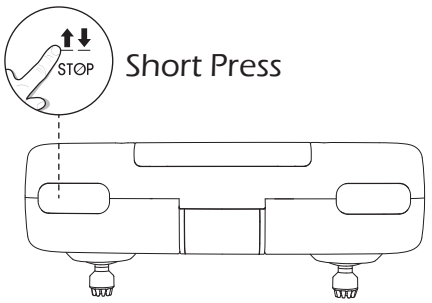
CALIBRATE THE GYRO

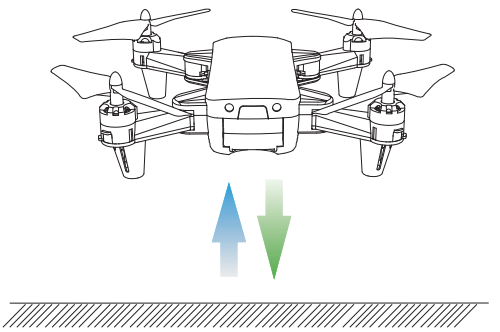


Make sure to place the drone on a level surface before calibrating the gyro. Push both joysticks down to the bottom right to calibrate the gyro. The indicator lights on the drone will blink quickly and turn solid, indicating calibration is completed.

To ensure a stable flight, we suggest that the pilot calibrates the gyro every time after pairing the drone and after a crash.

ONE KEY TAKEOFF/LANDING





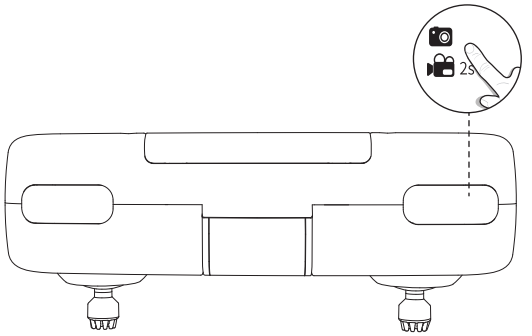
Takeoff: After calibration, short press the Takeoff/landing (STOP) button, the drone will automatically take off and hover at 5 ft altitude. At this time, you can control this drone by using the joysticks.

Landing: During the flight, short press the Takeoff/landing (STOP) button, the drone will land on the ground automatically.

You must keep your drone in visual line of sight all the time. If you can't see it, you can't control it.

FUNCTIONS DETAILS

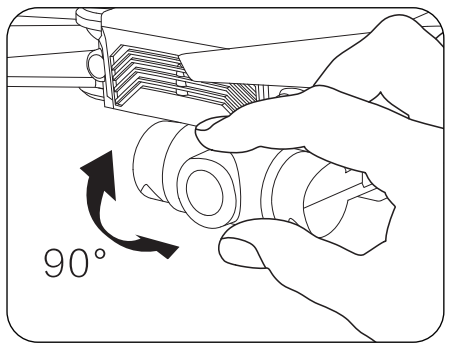
TAKE PHOTO/RECORD VIDEO



Take Photo: *Short press the Photo/Video button (2s) on the transmitter to take a photo. The transmitter will beep once, and the indicator light will flash once, confirming that the photo has been taken successfully.*

Record Video: *Press and hold the Photo/Video button (2s) on the transmitter for 2 seconds. A long beep will sound and the indicator lights will flash twice, indicating that video recording has started. To stop recording, press and hold the same button again.*

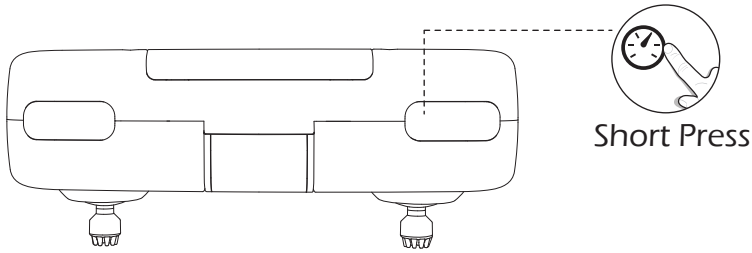
CAMERA ANGLE ADJUSTMENT



You can adjust the camera's shooting angle by rotating the camera manually. (The camera has a 90° tilt range.)

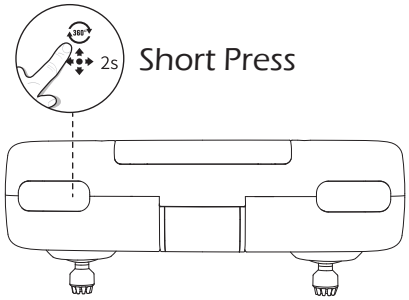
FUNCTIONS DETAILS

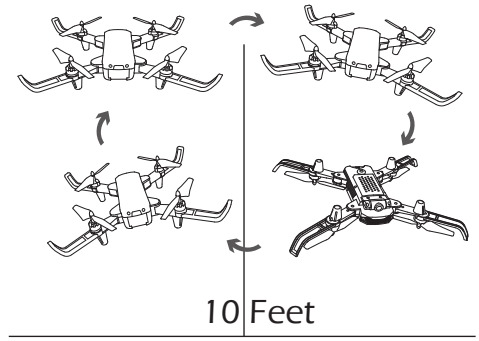
SPEED SWITCH



This drone comes with 3 speed modes (Low/Medium/High). Short press the ( ) button to switch between low, medium, and high speed. The transmitter beeps once to indicate Low Speed, beeps twice to indicate Medium Speed and beeps three times to indicate High Speed. (The Low Speed is the default speed mode.) The low speed is 4.59 ft/s. The medium speed is 7.22 ft/s. The high speed is 11.15 ft/s.

360° FLIP



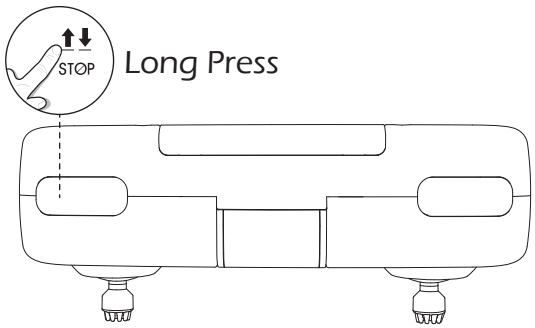


When you get familiar with all the functions of the drone, you can try this amazing flip mode. When you fly the drone at least 10 feet, short press the 360° Flip button (2s) on the transmitter, then push the right joystick Forward/Backward or Left/Right, and the drone will do a flip towards the corresponding direction.

360°Flip functions better when the battery is fully charged.

FUNCTIONS DETAILS

EMERGENCY STOP



Press and hold the Emergency Stop button (STOP) of the transmitter for 2 seconds, the motors will stop immediately. Be aware that you risk breakage of the drone if it falls a large distance or hits anything at a high rate of speed.

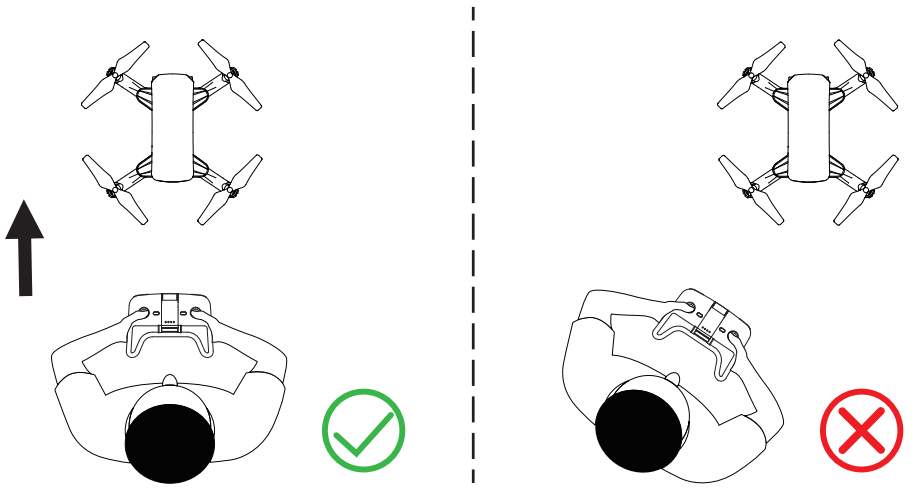
⚠ · When the Emergency Stop is triggered, the propellers will immediately stop spinning, and the drone will lose control, falling freely from its current height. This could potentially hit people or anything in surrounding, leading to injury or damage to valuable items.

· The Emergency Stop should only be triggered in emergency situations to minimize risk and reduce damage. Emergency situations include, but are not limited to: the drone losing control and colliding with people or animals or items, hair or other objects becoming entangled in the propellers, or the drone posing a threat to the safety of other aircraft, where immediate flight cessation or an immediate stop of the propellers is required.

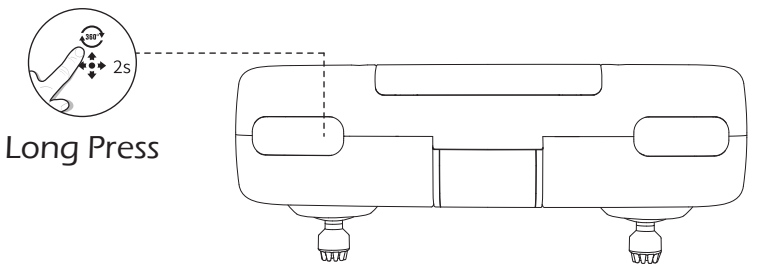
FUNCTIONS DETAILS

HEADLESS MODE

The Headless Mode is a great training tool for beginner pilots. It is also useful when the drone is too far from the pilot (which makes it difficult to tell its orientation). It keeps the drone traveling forward, backward, left, or right when you move the right joystick in those directions, regardless of which way the front of the head of the drone points to.



The pilot should stay facing the same direction that the drone's head points to when it takes off.



Activating: *Long press the the Headless Mode button (2s) on the transmitter to enter the Headless Mode. The indicator lights on the drone continue to flash to indicate that it is in Headless Mode.*

Deactivating: *Press the same button again, and you will hear a beep, the indicator lights on the drone will turn solid which indicates the drone exits the Headless Mode.*

FUNCTIONS DETAILS

HEADLESS MODE

* Why is the orientation of the drone important?

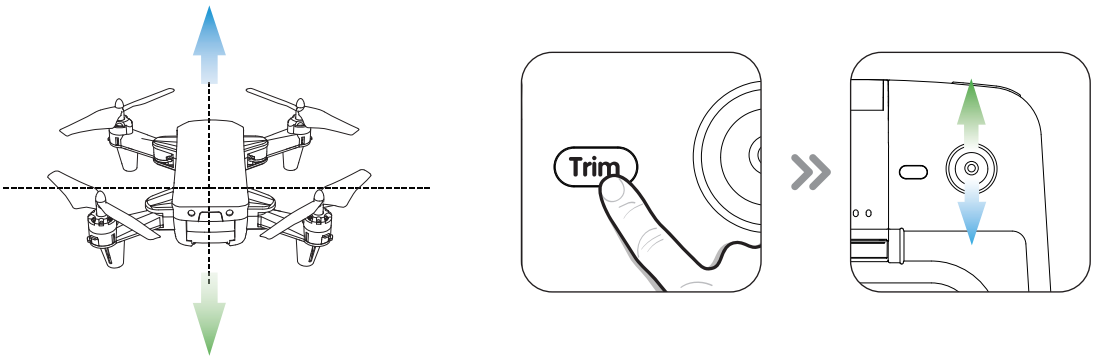
In normal flying mode, the control of the drone movement can sometimes be counter-intuitive for beginners. For instance, when the drone is in the air with its head pointing to your right, if you push the right joystick forward, the drone will fly to your right, instead of flying forward.

With the headless mode, the drone has a fixed "head." In Headless Mode, the drone always remembers the side its head points to during takeoff as the front side. This means that if the drone takes off with its head pointing forward, it doesn't matter how the drone is oriented in the air, when you push the right joystick forward, the drone will fly forward. Or, when its head is pointing to you, if you push the right joystick to the left, the drone will fly to your left.

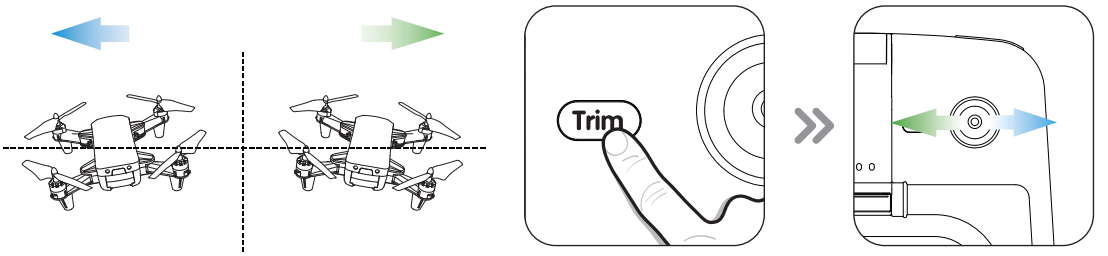
ATTITUDE ADJUSTMENT

TRIMMER

Trim adjustments are designed to counter drifts not caused by airflow.



F/B Sidewards Drift Trim: Short press the Trimmer button (**Trim**) to enter the Trimmer function. If the drone drifts forward, push the right joystick down to balance the drone. If the drone drifts backwards, push the right joystick up to balance the drone.



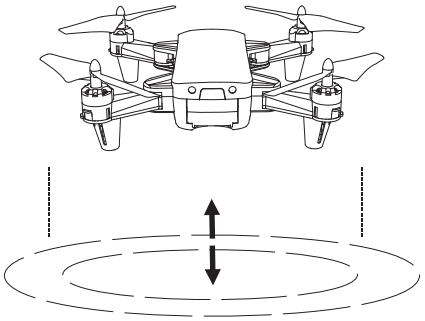
L/R Sidewards Drift Trim: Short press the Trimmer button (**Trim**) to enter the Trimmer function. If the drone drifts left, push the right joystick right to balance the drone. If the drone drifts right, push the right joystick left to balance the drone.

⚠ · When you hear a long beep from the transmitter, it indicates that it has been adjusted to the limit.

· If you do not push the right joystick after entering the Trimmer function, the drone will automatically exit the Trimmer function after about two seconds.

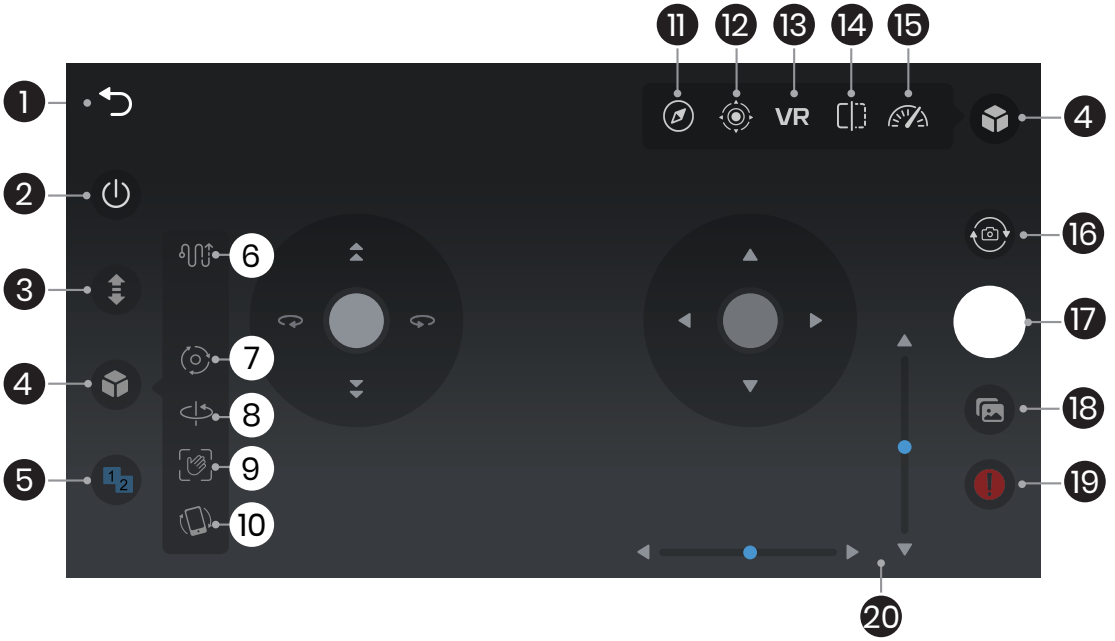
STABILIZATION FUNCTIONS

AITITUDE-HOLD FUNCTION



The drone is designed with altitude-hold function so the drone can maintain its altitude after you release the left joystick (the left joystick will automatically spring back to the middle).

APP



1) **Return:** Tap to return to APP main screen.

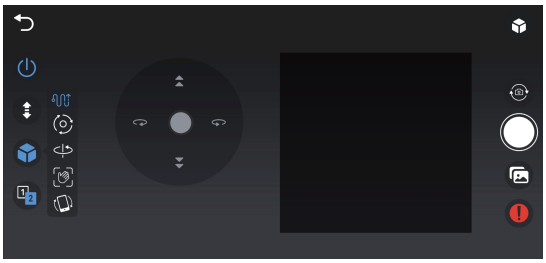
2) **On/Off:** Tap to turn on/off the virtual joysticks. Only when it is on the drone can be controlled by virtual joysticks. The virtual joysticks work just the same as real joysticks on transmitter. This feature is only effective when the transmitter is not connected.

3) **One Key Takeoff/Landing:** The same feature as the one on transmitter. Tap to take off/landing.

4) **Multi-functions:** Tap to choose from multiple functions.

5) **Mode 1/2 Switch:** The same feature as the one on transmitter. Tap to switch joystick mode.

6) **TapFly:** Tap to activate Tap Fly mode. At this point, the virtual joystick on the right side will be replaced by a designated box, as shown in the image below.



Draw a line freely within the designated box, and the drone will follow the drawn trajectory. The maximum distance for the aircraft's pointed flight is 3 meters. During Tap Fly, the drone cannot be manually controlled. Please ensure that there are no people or obstacles within a radius of five meters, while using this feature to prevent potential injury or damage to the drone. Tap TapFly again to exit Tap Fly mode, the drone will be manually control immediately.

7) **Rotate:** Tap to activate rotate mode, the drone will perform an in-place rotation. Tap again to exit the rotate mode.

8) **Circle:** Tap to activate circle mode, the drone will perform a circling motion. Tap again to exit the circle mode.

9) **Hand Gesture:** Tap to activate the hand gesture photo mode. When a ✌ gesture is detected, the app will automatically capture a photo. Make sure you are within 3m distance and under a light-filled circumstance. When 🖐 gesture is detected, the drone will automatically start recording a video. When 🖐 gesture is detected again, it will complete the recording. Tap **Hand Gesture** again to exit the hand gesture photo mode.

10) **Gravity Control:** Tap to enter gravity control mode. In this mode, pilots can control the drone to forward, backward, left, and right movements by adjusting the tilt angle of your phone (only effective when virtual joystick is on). Tap **Gravity Control** again to exit gravity control mode.

11) **Calibration:** The same feature as the one on transmitter. Tap to calibrate the gyro.

12) **Headless Mode:** The same feature as the one on transmitter. Tap to switch headless mode.

13) **VR Split Screen:** *This feature requires a VR device (sold separately, not necessarily be of Deerc brand). Tap to switch to VR mode and mount the phone onto the VR device. The drone cannot be controlled via VR devices. Using this feature allows the user to experience immersive flight, but it requires the presence of a spotter and the drone must always keep in sight of the spotter, because the user cannot see the UA directly and its surrounding. Tap* **VR Split Screen** *again to exit VR mode.*

14) **Screen Flip:** *Tap to rotate the app screen 180 degrees.*

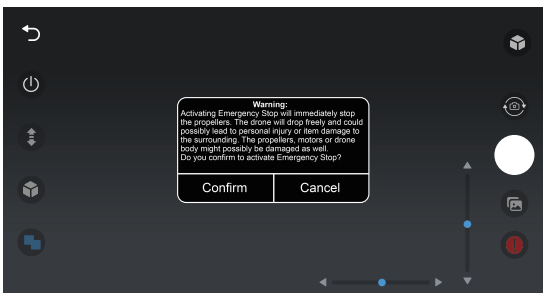
15) **Speed Switch:** *The same feature as the one on transmitter. Tap to switch speed.*

16) **Shooting Switch:** *Tap to switch between photo and video recording modes.*

17) **Shutter:** *In photo mode, tap once to take a picture. In video mode, tap once to start recording, and tap again to stop.*

18) **Gallery:** *Tap to check photo gallery in the app.*

19) **Emergency Stop:** *Tap* **Emergency Stop**, *and the app will pop up a confirmation prompt asking whether to execute the emergency stop function.*



Note: *When the* **Emergency Stop** *is triggered, the propellers will immediately stop spinning, and the drone will lose control, falling freely from its current height. This could potentially hit people or objects nearby, leading to injury or damage to valuable items. The drone may be broken and the propellers, motors and drone body may be damaged.*

20) **Trimmer:** *The same feature as the one on transmitter. Tap to activate the trimmer function. If the drone tends to drift forward, tap the backward trimmer to balance the drone.*

** You can also fix the Backward/Sideward Trim using a similar method, i.e., tapping the direction opposite the drift.*

SPECIFICATIONS

DRONE

Model: D20

Weight: 71g/2.5oz

Max Flight Speed: 11.15ft/s

Max Wind Speed Resistance: 4.92ft/s

Max Flight Height: 131 ft/40m

Max Flight Time: 10 minutes (per battery)

Motor Model: 716

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

Size: 178*117*42 mm(Unfolded)

94*90*42 mm(Folded)

DRONE BATTERY

Model: 701855P

Capacity: 500mAh

Voltage: 3.7V

Max Charging Voltage: 4.25V

Battery Type: Lithium-ion Polymer Battery

Charging Temperature Range: 41° to 104°F (5° to 40°C)

Charging Time: 80 minutes (depends on charging power and remaining battery power)

TRANSMITTER

Operating Frequency: 2416-2475 MHz

Max Flight Distance: 131 feet/40m (outdoors and unobstructed)

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

Battery Type: 3*1.5V AA Battery (Not included)

SPECIFICATIONS

CAMERA

Operating Frequency: 2412-2472 MHz

Photo Resolution: 1920*1080P

Video Resolution: 1920*1080P

Max Transmission Distance: 98 feet/30m (outdoor and unobstructed)

Photo Formats: JPEG

Video Formats: MP4

USB CHARGING CABLE

Input: 5V/2A

Rated Power: ≤10W

CONTACT US

Please do not hesitate to contact us if you need further support.

usa@deerc.com (USA)

eu@deerc.com (EU)

+1(334)336-0888

GENERAL INFORMATION

FCC Notice:
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.

The Supplier's Declaration of Conformity is available at the following address:
https://www.deerc.com/Download/US/D20_FCC_sDoC.pdf.

NOTE: 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 set to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy, if not installed and used in accordance with the instructions, it 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 not be determined by turning the equipment off and on, the user is encouraged to try one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Separation more distance between the equipment and receiver.
—Connect the equipment to an outlet on a circuit different from the receiver.
—Consult the dealer or an experienced radio/TV technician for help.

GENERAL INFORMATION

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

RF Exposure

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with minimum distance 20cm between the radiator & your body.

IC Statement:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) L' appareil ne doit pas produire de brouillage;

(2) L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

GENERAL INFORMATION

CAN NMB-003 (B)

RF Exposure

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre lasource de rayonnement et votre corps.

HOW TO RECYCLE THIS PRODUCT

This symbol on the product or its documentation indicates that it MUST not be disposed of together with household waste.

Uncontrolled waste disposal may harm the environment or human health.

Please separate your device from other types of waste for recycling it responsibly.

This will help to foster the sustainable re-use of material resources.

We suggest you contact your retailer, inquire at your local town hall or business store to find out where and how the drone can be recycled.



GENERAL INFORMATION

BATTERY WARNING:

1. Failure to follow all the instructions may result in serious injury, irreparable damage to the battery may cause a fire, smoke or explosion as well.

2. Always check the battery's condition before charging or using it.

3. Please replace the battery if the battery is dropped or has any peculiar smell, overheating, discoloration, deformation or leakage happens.

4. Never use anything other than the approved LiPo charger to charge the battery. Always use a balancing charger for LiPo cells or a LiPo cell balancer. It is recommended that you use the one provided with the product.

5. The battery temperature must never exceed 60°C(140°F) otherwise the battery could be damaged or ignited.

6. Never charge the battery on a flammable surface, near flammable products or inside a vehicle (preferably place the battery on a non-flammable and non-conductive surface).

7. Never leave the battery unattended during the charging process. Never disassemble or modify the housing's wiring, or puncture the cells. Always ensure that the charger output voltage corresponds to the voltage of the battery. DO NOT short circuit the batteries.

8. Never expose the Li-Po battery to moisture or direct sunlight, or store it in a place where temperatures could exceed 60°C(car in the sun, for example).

9. Always keep it out of reach of children.

10. Improper battery use may result in a fire, explosion or other hazards.

11. Non-rechargeable batteries are not allowed to be recharged. Rechargeable batteries should be charged under adults' supervision.

12. DO NOT mix different types of batteries including the new and used ones.

GENERAL INFORMATION

13. Batteries MUST be inserted with the correct polarity.

14. The supply terminals MUST not to be short-circuited. Regular examination of transformer or battery charger for any damage to their cords, plugs, enclosures and other parts MUST be done. If there is damage, they MUST not be used until the damage has been repaired.

15. The packaging has to be kept since it contains important information.

16. This toy should only be connected to the equipment with symbol Class II. 

EU RF Power(EIRP): <10 dBm (2412 MHz ~ 2475 MHz)

Caution

1. The max operating of the EUT is 40°C, and shouldn't be lower than 0°C.

2. The device complies with RF specifications when the device used at 0mm from your body.

3. Declaration of Conformity.

We, Xiamen Huoshiquan Import & Export CO.,LTD hereby, declare that the UAS D20 is of class C0, and in compliance with the RED Directive 2014/53/EU, the RoHS Directive 2011/65/EU, Toy Directive 2009/48/EC and UAS Delegated Regulation 2019/945/EU amended by Delegated Regulation 2020/1058/EU.

The full EU declaration of conformity is accessible at the following website:

http://www.deerc.com/Download/CE/D20_EU_DOC.pdf

This product can be used among EU member states.

GENERAL INFORMATION

MANUFACTURER INFORMATION

Manufactured by

Xiamen Huoshiquan Import & Export CO.,LTD.

Address: Unit 1, Room 501, Hongxiang Building, No.258 Hubin Nan Road, Siming District, Xiamen, China

+1(334)336-0888

MTOM Statement

D20 is a quadrotor drone. The MTOM of D20 is 71g, including the propellers, the Flight Battery, which is compliant with C0 requirements. Users must follow the instructions below to comply with the MTOM C0 requirements. Otherwise, the drone cannot be used as a C0 aircraft:

1. DO NOT add any payload to the aircraft except the items listed in the List of Items including qualified accessories section.
2. DO NOT use any non-qualified replacement parts, such as flight batteries or propellers, etc.
3. DO NOT retrofit the aircraft.

List of Items including qualified accessories

1. D20 Propellers (Model: D20-FY, 0.7 g each propeller, 20000RPM)
2. D20 Flight Battery (approx. 18.5 g)
3. D20 Propeller guard (0.6 g each propeller guard)

List of Spare and Replacement Parts

1. D20 Propellers (0.7 g each propeller)
2. D20 Flight Battery (approx. 18.5 g)

List of Safe Guards

Below is the list of the mechanical safeguards and operation safeguards for D20.

1. Emergency Stop function can be performed to stop the motors in case of an emergency. Refer to the Emergency Stop section for details.

GENERAL INFORMATION

2. Prevent the drone from flying in restricted airspace. Refer to the Flight Environment Requirements section for details.
3. If the drone disconnects from the transmitter, the indicator light on the drone will continuously flash. The drone will slowly descend at its current position until it lands. During the landing process, the drone cannot be manually controlled. The drone descends slowly during the process, minimizing the risk of significant impact that could damage surrounding people or objects. However, as the propellers continue to spin during descent, there may still be a risk of minor damage. The pilot must keep the drone within remote control range specified in the manual to avoid disconnection, and always keep the drone within line of sight in case of disconnection. When the drone disconnects from the transmitter, the pilot should warn people around the drone to take actions to prevent injury and damage (leaving the area, moving things away, etc.). The drone may be broken and the propellers, motors and drone body may be damaged.

Similar products produced by the same manufacturer are electrically identical. Distinguish them based on product model and appearance color.
The firmware of toy product cannot be upgraded. In the future, new versions of the app will be released through the app store. Users can update the app by scanning the QR code in the instruction or searching "DE FPV V2" on the app store.



MADE IN CHINA(CN)