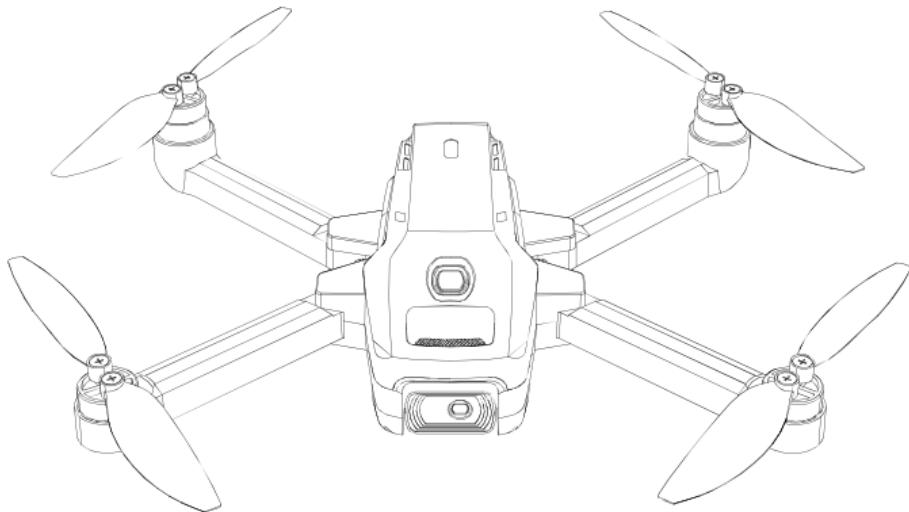


DRONE

User Manual

V1.0



 Tel: +44 7419 298225

 E-mail: karuisrc@gmail.com

 Website: <https://karuisrc.store>

Catalogue

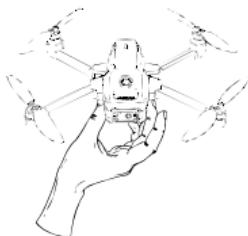
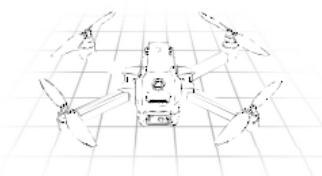
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Quick Flight Guide

Preflight Preparation



To ensure safety, please do not turn on the drone while holding it and take off.



Step 1: Install the remote control rocker

As shown in the figure, take out the joystick at the bottom of the remote control and install it in the hole.

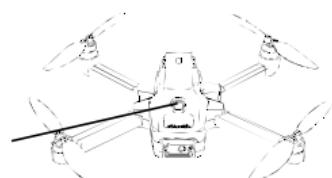


Step 2: Drone and remote control frequency matching

Power on/off: Long press the drone until the light is on, turn on the remote control switch until the remote control indicator light is on, and hear the "di" sound to indicate successful pairing. The image transmission screen will be displayed approximately 8 seconds after successful pairing.



Power switch



Step 3: Gyroscope calibration

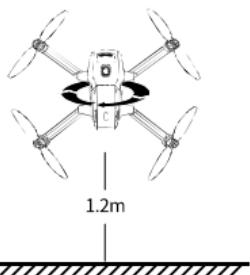
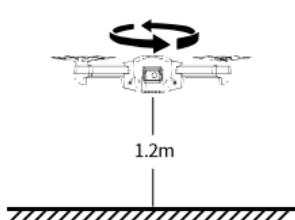
As shown in the figure, simultaneously turn the left and right control levers to the 5 o'clock position, and the light at the bottom of the drone will flash rapidly until the "di" sound is heard, indicating that the gyroscope calibration is successful.



Step 4: Geomagnetic calibration is divided into two parts

Horizontal calibration: Place the drone flat on a level ground as shown in the figure, and push the left and right joystick of the remote control to the seven o'clock direction to enter the geomagnetic calibration mode. At this point, lift the drone to a height of 1.2 meters by hand and rotate it horizontally about three times until the remote control makes a "di" sound and the drone's tail lights light up, indicating successful horizontal calibration.

Vertical calibration: Lift the drone to a height of 1.2 meters by hand, with the camera facing vertically upwards. As shown in the figure, rotate the drone body about three times until the remote control makes a "di" sound and the drone's headlights light up, indicating successful vertical calibration. After completing the geomagnetic calibration, place the drone on an open flat surface and it will automatically search for satellites. When the indicator light at the rear of the drone changes from slow flashing to continuous illumination and the remote control makes a "di" sound, it indicates a successful satellite search.



Start up/Landing

1. Press the “” button, the drone propeller will start.

2. Press the “” button, the drone will fly up to 1.2 m and stay hovering. Press the “” button again, the drone will land automatically until it stops.

Tip: If the drone is flying indoors, follow steps 1, 2 and 3 (step 4 should only be performed when flying outdoors). After execution, long press the back button on the remote control to enter indoor mode, then the drone can fly indoors.



View photos/videos

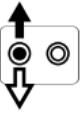
Short press “OK” key to enter the operation interface of the remote control.

View photos: select “” icon, press “OK” key to view photos, press “” key to view previous photo, press “” key to view next photo, press “” key to return to the previous level.

View video: select “” icon, press “OK” to view video, press “” to view the previous video, press “” to view the next video.



Basic Flight

Remote control	Drone
	
	

Remote control	Drone
	
	

Post-flight checklist:

1. Check the drone body for damage.
2. Check if the propeller is broken or deformed.
3. Check if the battery is abnormally hot or swollen.

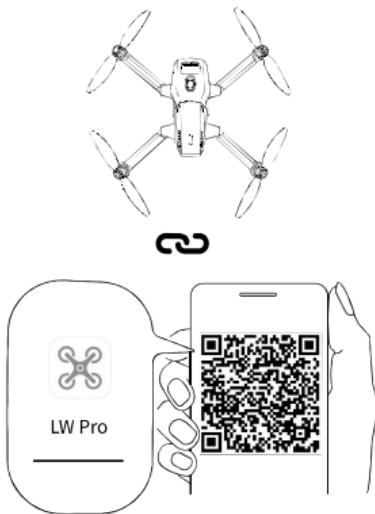
The drone combinations are:

1. Drone+Remote controller
2. Drone+LW Pro(app)

App Control



Turn OFF



Recommended Model Configurations

1.ios:

Model Configuration	Minimum configuration	Recommended Configuration
Product Model	iPhone 8 and above	iPhone 12 and above
System Version	iOS 11.0 and above	iOS 14.0 and above

2.Android:

Model Configuration	Minimum configuration	Recommended Configuration
CPU Model	Snapdragon 835 and above, Samsung Exynos 8895 and above, MediaTek Helio X30 and above, Kirin 970 and above.	Snapdragon 888 and above, Samsung Exynos 2100 and above, MediaTek Dimensity 8100 and above, Kirin 9000 and above.
System Version	Android 8.0 and above	Android 11 and above
Memory Size	4G and above	6G and above
CPU Occupancy	25% or less	10% or less

Warm Tip: One aircraft, at one time, only one mobile app connection is allowed!

Product specification parameters

Drone

Model: K600 GPS

Drone unfolded size: 22.5*18.5*5.5cm

Drone collapsed size: 14*9.5*5.5cm

Drone weight: 204g

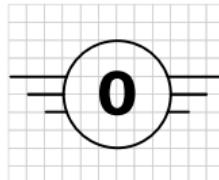
Maximum take-off weight (MTOM): 220g

Maximum propeller speed: \leq 7980 r/min

Operating temperature range: -10°C- 40°C

Transportation temperature range: -10°C- 60°C

Maximum take-off altitude: 3000m/9843ft



Remote control

Model: K600 GPS Remote Control

Remote control firmware version: JYGV1.0

Remote control hardware version: JYJV1.0

Operating frequency: 2420MHZ-2470MHZ

Battery

Model No:DS902895

Capacity: 2200mAh

Voltage: 3.7V

Battery type: Polymer Lithium Ion Battery

Energy: 8.14Wh

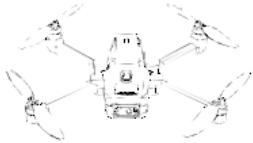
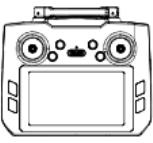
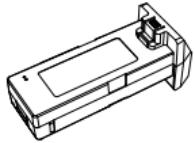
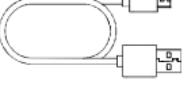
Charging time: about 180 minutes

Charging temperature range: 0°C- 40°C

Weight: 52g

Battery size: 9.5×3.8×3.5cm

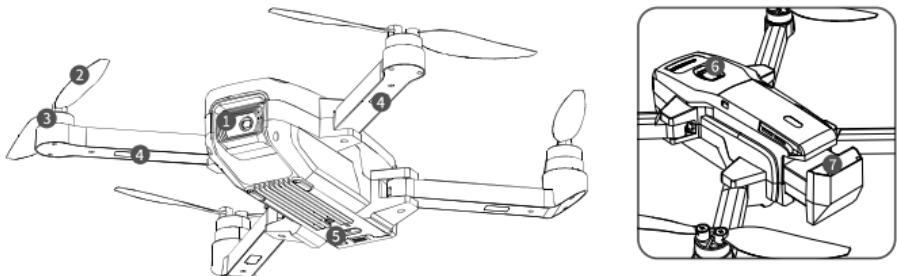
Package contents

		
Drone	Remote Control	Battery
		
Propeller x 4	USB Cable	Screwdriver
		
Instruction Manual	Brushless Motor	Circuit Board
		
8G TF SD Card		



Users are prohibited from carrying accessories other than the packaging content.

Aircraft component names

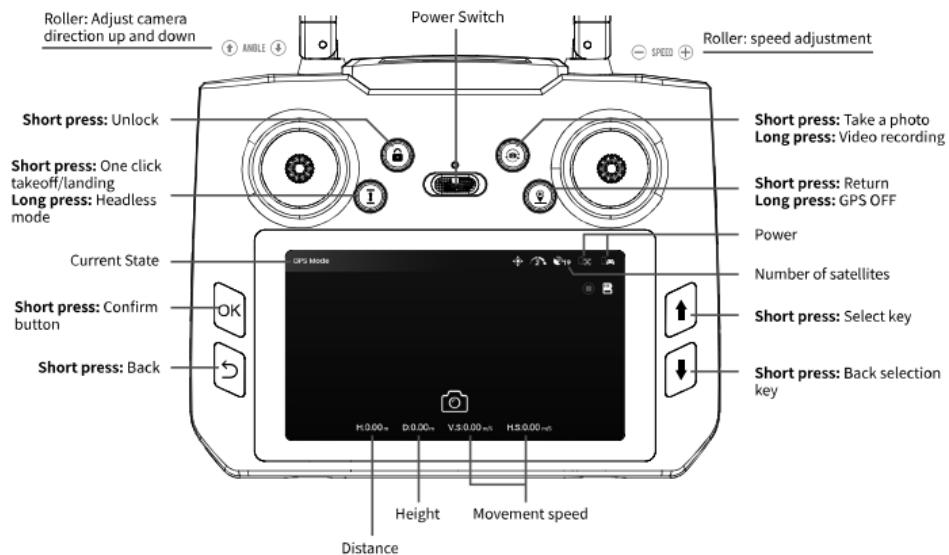


- ① HD Camera
- ④ LED light
- ⑦ Smart lithium battery

- ② Propeller
- ⑤ Bottom camera

- ③ Motor
- ⑥ Power Switch

Remote control component names

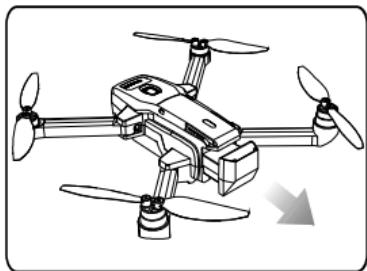




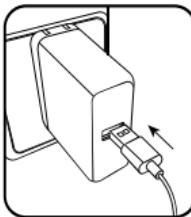
When the remote control is low on battery, the light on the remote control flashes and a "Di" "Di" sound is emitted.

The remote controller has an emergency propeller stop function. If you hold the left joystick down for 4 seconds, the drone's propellers will stop.

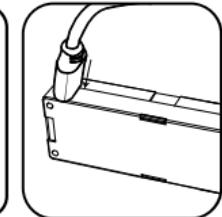
Charging the battery of the aircraft



Cell phone adapter:
5V·2A(not included)



Charging time: about 3 hours
(charging time depends on
charging power supply)



Lithium Battery Charging Instructions

- 1.Balanced charging: Insert the USB charging cable into the USB port of the computer, and connect the other end to the charging port of the lithium battery. When charging, the battery power indicator will show a red light. When the battery is full, the indicator will turn off, indicating that charging is complete.
- 2.You can use mobile power or car power for charging.
- 3.The charging time of the aircraft battery is about 3 hours.
- 4.When in a low power state, the aircraft will emit a "beep" sound, and the aircraft body lights will start to flash. At that time, please immediately fly back the aircraft and charge the battery to avoid unnecessary losses.
- 5.Battery protection measures in low-temperature environment: Low temperature will significantly reduce the discharge efficiency of lithium batteries, and the battery life will be shortened. Do not charge the battery immediately after using it in an outdoor low-temperature environment. Place it in a room at 10-25°C for half an hour before charging.

Warning:

1. Lithium batteries are rechargeable and recycled, with limited capacity. Batteries do not support modification.
2. Please charge under supervision. It is forbidden to charge in bed and on the sofa. Please unplug the power in time when the battery is fully charged.

Precautions When Charging:

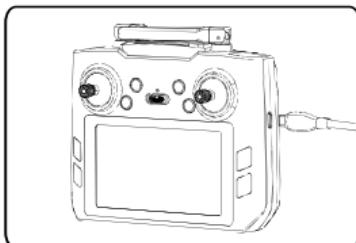
- Do not place the charged battery in a hot and heated place, such as an open flame or electric heating device, as damage or explosion may occur.
- Do not use the battery to hit or knock on hard surfaces.
- Do not disassemble the battery.
- Do not immerse the battery in water. Store the battery in a dry place.
- People should not leave while charging.

Remote Control Battery

The remote control is equipped with a built-in battery. It is recommended to use a 5V2A charging head (please purchase it yourself) and the charging cable included in the package for charging. When charging, the charging indicator light on the remote control is red, and it will turn green when fully charged.

Warning:

Turn off the power to the remote control before charging.



Troubleshooting and Maintenance

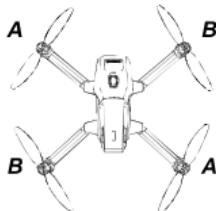
Troubleshooting

Number	Problem	Cause	Solution
1	Drone won't start	Weak GPS signal	Using the drone outdoors
		Red lights keep lit on	Turn the drone off and reboot after 10 minutes to calibrate it
		4 indicator lights on drone keep blinking	Follow the manual for compass calibration
2	Product has minor scratches	All drones are tested before sending to warehouse	In order to give you the best experience, we test all drones before shipping, so your drone may have slight unavoidable defects , but we can guarantee that all drones packed are 100% brand new . Sometimes amazon will send the return product by mistake.
3	Video freezes	The phone loses the drone WiFi signal	Keep the drone flying within the range covered by the Wi-Fi signal
4	App can't display images	Cell phone did not connect to drone Wi-Fi	Open cellular Wi-Fi and search for drone open WiFi connection
		Phone does not support 5G WiFi	Android 4.44 and above, iOS 8.0 and above,supports dual-band WiFi(2.4GHz and 5GHz)
		App must be upgraded	Delete this application and try to download and install it again
5	Cell phone can't connect with drone WiFi	Drone WiFi has no network connection, causing some phones to refuse to connect	Keep an eye on your phone and make sure it stays connected
6	Drone won't charge/Drone app always shows controller low power	Poor contact due to movement	Try tapping gently to restore contact, if it doesn't work , please contact customer service
		Wrong steps of startup cause the phone can not connect to the aircraft	The correct order is to turn on the drone first, followed by the controller, pairing with the drone, and finally the WiFi connection.
7	Video delay	Signal interference	Please fly outdoors without interference
8	Drone always drifts left or right	Drone calibration not completed	Place the drone horizontally and recalibrate
9	App shows weak signal	Signal interference nearby	Transfer to an open outdoor area to fly
10	Drone shaking while flying	Propellers distortion	Replace the propeller
11	Out of control	Signal interference, or beyond the distance of the controller	Fly the drone in outdoors where there is no interference and make sure it is within the controller's control range
12	Drone sudden drop	Battery slack causing loss of power	Tighten the battery to ensure good contact
13	Motor not working properly	Indicator lights continue to blink rapidly	To begin compass calibration, place the drone on level ground

Maintenance

Propeller installation and removal

Please make sure all propellers are installed in the correct orientation according to the diagram. If installed incorrectly, the aircraft will not be able to fly normally.



Warning:

If propeller A is replaced, you need to replace the corresponding propeller A; if propeller B is replaced, you need to replace the corresponding propeller B.

Please read the manual carefully before using the product and keep this manual for future reference.

This content is subject to change. If you have any questions about this document, please contact us.

Disclaimer and Warning

Disclaimer

Thank you for purchasing this series of GPS flight units. Please read all instructions and warnings carefully before operation. Please keep this manual in a safe place for future reference and maintenance.

Important Statement

1. This product is not a toy. It integrates expertise in mechanics, electronics, aerodynamics, high-frequency launching, etc.
2. This drone integrates precise equipment, which requires proper assembly and commissioning to avoid accidents. The drone holder must operate the drone in a safe way. Improper handling will cause serious personal injury or property damage. It may also be lost due to incorrect operation.
3. This product is suitable for people who have experience in operating drones and are over 12 years old.
4. If there is a problem during use, operation, or maintenance, please contact your local sales agent or retailer, or keep in touch with the person in charge of our company.
5. Please use only original parts and accessories.
6. Please keep the packaging and this user manual for future reference.
7. When using this product, please be sure to follow the regulations and safety guidelines in the manual. Our company is not responsible for any adverse consequences resulting from violating any safety instructions.

Warning

1. This package and instruction manual contains important information. Please keep it for future reference.
2. You are responsible for ensuring that this type of drone will not cause personal injury or property damage to others.
3. When debugging or assembling this drone, please strictly follow the instructions shown in the manual. During flight or landing, please pay special attention to the fact that the user must keep a distance of 1-2 meters from the drone to avoid possible injuries caused by the collision of the drone with the head, face, or body.
4. The company and distributors are not responsible for physical loss, damage, or injury caused by improper operation.
5. Children 12 years and older should use this product under the guidance of an adult. Children under 12 years of age are prohibited from using this product.
6. Please assemble and use this product correctly in accordance with the instructions or packaging instructions. Some parts must be assembled by adults.
7. This product contains small parts. Please keep it out of the reach of children to avoid the risk of suffocation caused by accidentally swallowing parts.
8. It is strictly forbidden to play near roads or areas with heavy traffic to avoid accidents.
9. Please dispose of packaging materials in time to avoid harm to children.
10. Do not disassemble or reassemble the aircraft, otherwise it may cause malfunctions during flight.
11. The battery in the charge battery box should be plugged into the designated power source with the same product identification.
12. The battery and charging cable are not toys.
13. When charging, please do it under the supervision of an adult. Please stay away from any combustibles when charging. Please keep the battery within your sight while charging.
14. Please do not short-circuit the battery or squeeze the battery to avoid explosion.
15. Do not mix lithium-ion batteries with other types of batteries.
16. Do not short-circuit the battery or disassemble the battery or throw the battery into the fire; do not place the battery in a high-temperature or heated area (such as near a fire or near an electric heating device).
17. The drone should be as far away as possible from other electrical or electronic equipment, or away from nearby places with magnetic objects to prevent them from interfering with each other.
18. Please keep a safe distance from the high-speed rotating motor to avoid injury from twisting or cuts.
19. The engine will heat up. Do not touch it to avoid burns or injuries.
20. Please do not bring this product close to your ears, as it may damage your hearing.
21. In order to comply with the command of the magnetic environment requirements formulated by the Aviation Radio Administration and related departments, please stop using drones when there are control orders during the control period in certain areas.
22. Keep your drone within sight.
23. Never fly the drone above the head of a crowd.
24. Never fly the drone in stadiums or during sporting events.
25. Understand airspace restrictions and requirements.
26. Please make sure that there are no problems with the environment and equipment before and after the flight. If there are any problems, please contact our after-sales team to solve them.
27. If the drone is damaged or malfunctions, please do not repair it by yourself. Please contact our after-sales team to resolve the problem.
28. The product may be damaged during transportation. Please be sure to check it carefully after receiving it. If you have any questions, please contact our after-sales team to resolve the problem.
29. This product is equipped with a camera. You should respect the privacy of others when taking photos and recording videos.

Warning:

The aircraft battery must be charged under the supervision of an adult. Please unplug the power supply in time after fully charged. Do not overcharge the battery.

Safety Guidelines

This drone may be dangerous during use. Please ensure that it is far away from any people or spectators when flying.

Improper installation, poor use conditions, or unfamiliar operation of the user may cause damage to the aircraft or personal injury, and may also lead to accidents. Please pay special attention to flight safety and learn to identify more dangerous situations that may cause accidents due to your own negligence.

1. Stay away from obstacles and people.

During flight, this drone may change slightly in speed or sensitivity, and may cause potential hazards. Therefore, please stay away from crowds, buildings, trees, high-voltage lines, and other objects. At the same time, please avoid using it under severe weather conditions such as heavy rains, thunderstorms, and strong winds to ensure the safety of users, viewers, and surrounding properties.

2. Keep away from humid environments.

The interior of the drone is composed of many precision electronic and mechanical parts. Therefore, please try to avoid any moisture or water entering the fuselage, otherwise it may cause the mechanical and electronic parts to malfunction and cause an accident.

3. Only use the included parts for the intended purpose.

Please use original parts for modification or maintenance to ensure flight safety. Please operate and use within the range allowed by the product function. Use of unapproved parts will invalidate the warranty. Do not use the drone for any illegal purpose or beyond the scope prescribed by local laws and regulations.

4. Avoid independent operation.

Beginners may have some difficulties in the early stages of learning to operate this drone. Please try to avoid operating the drone independently. If conditions permit, please operate under the guidance of more experienced users.

5. Drone owners should not operate the remote control while under the influence of drugs or alcohol.

Please operate this drone according to your own status and flying skills. Any fatigue, poor mental state, or incorrect operation may increase the risk of accidents.

6. When the drone is flying at the highest speed, please keep a safe distance.

When the drone is flying at the highest speed, please keep the drone away from the driver and any people or objects around it to avoid danger or damage.

7. Store in a cool and dry place.

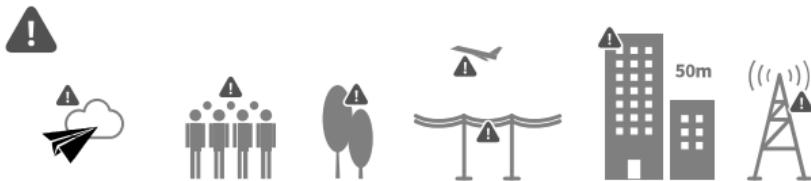
The drone is composed of materials such as metal, fiber, plastic, and electronics. Therefore, please stay away from heat sources and avoid prolonged exposure to direct sunlight. Excessive heat exposure can cause deformation and damage.

Note: According to Part 15 of the FCC Rules, this device has been tested and meets the limits of Class B digital devices. These limits are designed to provide reasonable protection against harmful interference from residential equipment. This equipment generates, uses, and can radiate radio frequency energy, and if it is 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 device does cause harmful interference to radio or television reception, you can confirm by turning the device on and off. It is recommended that users try to correct the interference by one or more of the following measures:

- Relocate or adjust the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Please note that changes or modifications not expressly approved by the responsible party may invalidate the user's operating authority.

Flight Environment



- Avoid flying over or near obstacles, crowds, high-voltage power lines, trees, airports, water bodies, or clouds, and fly 50 meters away from buildings.
- Do not fly near strong electromagnetic sources such as power lines and base stations, as it may affect the onboard compass.



Do not use the drone in adverse weather conditions such as rain, snow, fog, and strong wind.



No Fly Zone

Stay away from spinning propellers and motors.



Safe flight is very important.
Please read the safety guidelines carefully before flying.



European Union Aviation Safety Agency



TOY

This drone is an aircraft.
Aviation law applies.

**As a drone pilot,
you are responsible
for flying your drone safely.**

**Before flying, as a drone pilot, you must
read and follow the manufacturer's
instructions**



Check where you are allowed to fly
www.easa.europa.eu/drones/NAA





TOY

DO



Make sure you are adequately insured



Check for no-fly zones and any limitations in the area where you want to fly



Keep the drone in sight at all times



Maintain a safe distance between the drone and people, animals and other aircraft



Inform your national aviation authority immediately if your drone is involved in an accident that results in a serious or fatal injury to a person, or that affects a manned aircraft



Operate your drone within the limits defined in the manufacturer's instructions

DO NOT



Do not fly over large group of people



Do not fly higher than 120m from the ground



Do not fly near aircraft & in the proximity of airports, helipads or where an emergency response effort is ongoing



Respect other people's privacy



Do not use the drone to carry dangerous goods or to drop material



Do not modify your drone. Only software uploads recommended by the drone manufacturer are allowed

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.

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

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 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.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Radiation Exposure Statement For Remote Control
The device has been evaluated to meet general RF exposure requirement in portable exposure condition without restriction.

Radiation Exposure Statement For Drone
To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm from your body.