

E V O L V E

SAFETY OPERATION GUIDELINE & DISCLAIMER AND WARMING

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SAFETY OPERATION GUIDELINE & DISCLAIMER AND WARNING

I.Safety operation guideline

A.Flight condition and environment

Flying a drone without due care can be extremely dangerous and poses a threat to property and to individuals. Because of this, it’s important to always follow best practices and to prepare in advance for any flight. To ensure safe operation, please ensure you are respecting the following guidelines:

- **Scope out the area where you want to fly:** You should be able to safely take off and land while keeping a significant distance between your drone and other individuals and/or vehicles and traffic. Additionally, according to FAA rules, you must be at least 5 miles away from any airport, unless you have issued a formal notification.
- **Watch out for obstacles:** You must keep your aircraft in your line of sight at all times and fly no more than 400ft above the ground. This ensures that not only can you see where it’s going, but you can also see other objects moving in the airspace – for example a bird or a helicopter that might be on a collision course with your drone. You should also always make way for other aircraft.
- **Stay focused:** Never let the drone out of your sight; and always keep your hands on the controls.
- **Practice:** Practice makes perfect – make sure that you are comfortable with your device and practice in a wide open setting before taking it into other environments.
- **Checklist:** Carry a pre-flight checklist with you to run through equipment and safety checks before takeoff – and remember to make sure that your batteries are fully charged.
- **Understand the regulations:** If your drone weighs over 0.55 lbs, then it must be registered; and if you are flying on a commercial basis, then you must have a Remote Pilot Airman Certificate.
- **Purchase liability insurance:** For commercial operators, having insurance in place can be extremely important, limiting the potential financial damage to you and your business in a worst case scenario. As a professional or amateur pilot, you might also consider insuring your device.
- **Weather:** Do not operate in severe weather conditions such as wind speeds exceeding 20mph, snow, rain, smog, heavy wind, hail, lightning, tornadoes or hurricanes.

B.Pre-Flight Checklist

Before flying you should run through the following list, checking:

- Your flightpath (keeping it 5 miles away from airports and out of other exclusion zones)
- The weather forecast
- If flying commercially that the pilot has a FAA Remote Pilot Airman Certificate and has passed TSA vetting
- Your equipment is in good working order and the software is updated
- The batteries for the device and controller are fully charged and firmly in place
- You’ve got spare batteries
- Your memory card has sufficient spare storage space (and is in the drone before takeoff)
- Your camera is working correctly and the lens cap is removed
- All propellers are secured correctly and no components appear to be broken or damaged before powering up
- The all signals are strong enough
- That GPS data is correct
- That potential obstacles in the environment are noted
- The wind speed is below 20mph and visibility is good
- The takeoff site is clear
- Immediately following takeoff, you should hover for a short-time to ensure the device is fully functional and operating as expected before climbing further.

C.Operating guide

General

- Small parts, such as cables and straps, are dangerous if swallowed. Keep all parts out of reach of children and animals.
- The aircraft doesn’t come with an obstacle avoidance system, you are solely responsible for keeping the control of the aircraft at all time.
- Before flying make sure you set up the Return To Home altitude higher than the tallest obstacle that could be on the aircraft’s path.
- If any obstacles are in the flight path of the drone on its way back while the Return To Home function is activated, control should be regained. Please flick the switch once to regain flight control.
- If the Drone has collided into a tree, or crashed onto a roof, or hit the ground unexpectedly, please lock the motors immediately to protect the motors, the ESCs and propellers from burning out or other further damages.
- DO NOT fly closely above reflective surfaces such as water or snow, as these terrain may affect
- the performance of the Vision Positioning System.
- Make sure you always have installed the latest version of the firmware.
- We advise you to proceed to the calibration process every time you are changing location.

Aircraft

- Stay away from the rotating propellers and motors.
- Ensure the propellers are securely mounted to prevent them from falling off the motors.
- Do not attempt to touch the motors, until the motors have stopped rotating.
- Don’t expose the drone & battery to direct sunlight for sustained periods of time, it can raise the temperature inside the fuselage to well above the operating temperature range. If it is the case that the drone & battery have been exposed to sunlight, and is overheated, we recommended opening the hatch, and placing the drone in a sheltered area, until it has completely cooled down.
- When using any of the smart mode features, be prepared to take control of the aircraft or press the “STOP” button on the screen at all times, in case of an emergency.

Gimbal and Camera System

- Precision elements in the gimbal may be damaged in a collision or impact, which may cause the gimbal to function abnormally.
- DO NOT apply external force to the gimbal after the gimbal is powered on.
- DO NOT add any payloads to the gimbal, as this may cause the gimbal to function abnormally or even lead to motor damage.
- Always make sure the quick release gimbal mechanism is properly locked before flying

Batteries

- In the instance of a Low Battery Warning, land the aircraft at a safe location.
- After landing, first turn off the Intelligent Flight Battery, then turn off the remote controller.

D.Maintenance

- Do not attempt to modify the structure of the aircraft or any of its components yourself.
- Please make sure to double check the propellers after flight, distorted/damaged props should be replaced immediately.
- In the event of the Evolve not being used for a long time, please store the drone, and the batteries in a dry, and ventilated environment, within a temperature range of 68 °F - 82.4 °F (20°C~28°C).
- Refer to the Evolve Intelligent Battery Safety Guidelines for more information about the safe use of the battery.
- In case of any issue with the drone, contact our customer service via www.xdynamics.com/support or get in touch with your reseller.

II.Disclaimer and Warning

This product is not a toy, and should only be operated by persons over the age of 18. Please keep it out of reach of children, and pay particular attention to the possible scenarios of children’s unexpected appearance during flight operation. It is highly recommended that any pilot using this product have a Small Unmanned Aircraft System- Remote Pilot Airman Certificate.

Be sure to read this document carefully before using the product, to fully understand your legal rights, responsibilities and safety instructions. Failure to do so, may cause property damage, safety accidents and personal safety risks. Once this product is used, it is deemed that you have understood, recognized and have accepted all the terms and conditions of this statement. The user is responsible for all the consequences of his actions and consequences. The user agrees to use the product for his sole & legal purpose, and agrees with the terms & conditions of this agreement, and other relevant policies & guidelines that may be specified by XDynamics.

Under the maximum permission by law and approved circumstances, XDynamics is exempt of liability for any indirect, punitive, consequential, special or criminal damages, including the purchase cost, or for loss of income due to the loss of use of the drone.

XDynamics is exempt from the user's liabilities for damage(s) to person/s or property, or injuries incurred directly or indirectly from the use of this product in the following conditions:

- Damage(s) or injuries incurred when the user/s are under the influence of alcohol, drugs or medication.
- Any malfunction caused by operators' failure to follow the guidance of the manual to assemble and set up, or operate the drone as described, and designed.
- Damage(s) or injuries that may occur due to failure to study the tutorial videos, and the user manual before flying the drone.
- Damage(s) or injuries caused to a person/s or property, due to failure in correctly calibrating the UAV as outlined in the manual, prior to flight. - Damage(s) or injuries incurred as a result of the use or installation of any unauthorized third party accessories or counterfeit parts - which were not provided and approved of by XDynamics.
- Damage(s) or injuries as a result of flying the drone out of eyesight range, or more than 0.19mile (300m) away from the controller.

XDynamics reserves all the rights for final interpretation. This statement is effective at the time of release, and it is subject to change, update and termination without prior notice.

FCC Compliance and Advisory

U.S. – FCC (Federal Communication Commission)

XDynamics Evolve FCC : 2ALI6XD-E2-EVOLVE

XDynamics Evolve Controller FCC : 2ALI6XD-G2-EVOLVE

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

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

FCC Radiation Exposure statement (XDynamics Evolve FCC : 2ALI6XD-E2-EVOLVE)

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC SAR statement (XDynamics Evolve Controller FCC : 2ALI6XD-G2-EVOLVE)

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

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