


Lefant 68223 (ZERAXA PRO) **User Manual**
Age : 12+



Features

- 2 ways to fly, control and shoot video/ pictures using remote control or Wi-Fi app
- Air pressure sensor for enhanced hovering
- Bullen HD camera
- Digital proportional control
- USB charging
- 6-axis gyros stabilization

Specifications

Drone	3.7V Lithium polymer battery
Remote Control	4 × AAA batteries
Remote Control Distance	263ft (80.26m)
App Control Distance	200ft (60.96m)
Camera	
Lens Resolution (video)	720p
Photo Resolution	1280 × 1024 JPEG
Maximum SD card support	32G

Package Contents

- ZERAXA Drone with Camera
- Spare Propeller with screw (2)
- Remote Control
- Spare Propeller with screw (2)
- USB Charging Cable
- User's Guide
- Screwdriver

Fly Safely

- Do not fly the drone near or at other people or animals.
- Do not fly your drone where emergency responders are working or emergency aircraft are operating.
- When flying outdoors, keep the drone away from power lines, trees, weeds, and water.
- Do not fly your drone over private property where you are not welcomed.
- When flying indoors, keep the drone away from walls, air conditioning, air vents, fans, breakable objects, and other obstacles.
- Keep eyes, hands, hair, and loose clothing away from moving propellers.
- Fly safely. In the event of a crash, the SD card may fall out.
- Adult supervision is recommended at all times.

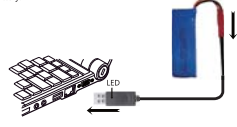
Safety Warning:

- To ensure safety, parents should read this User's Manual with children before starting playing.
- To avoid injury, do not touch the product while flying or the propellers are moving.
- Be careful to keep your body and loose clothing away from the propellers and motors.
- Do not modify or change this product without authorization, or it may injure your rights and interests for this product.

Charge the Drone

Make sure you use the supplied battery and battery charging cable, or one of the same type: 3.7V, 850mAh Lithium polymer.

1. Use the USB charging cable to connect the battery to a USB power source. The LED on the USB connector lights red during charging, and turns off when charging is complete.
2. After charging, unplug the USB charging cable. Do not attempt to overcharge the battery.



3. To install the battery, plug the two ends of the white battery connectors. They only fit one way so do not use force. Neatly slot the battery and cables into the drone's battery compartment.

CAUTION:


- After playing, let the built-in battery cool before charging again.
- Always unplug the drone's battery when not in use.

Lithium Battery Notes

- Do not charge longer than recommended. Unplug the charging cable when the battery is charged.
- Do not attempt to charge or operate damaged toys.
- Do not puncture or crush. Do not disassemble.
- Do not dispose of lithium batteries in the trash.
- The electrolyte in the cells should get on your skin, thoroughly wash with soap and water. If in the eyes, rinse thoroughly with cool water. Immediately seek medical attention.

Using the Detachable Device Holder

1. Slot the base of the holder onto the antenna's groove until it clicks.
2. Pull up the holder's bracket to extend and insert your smart device (max. screenwidth 3 inches).
3. Rotate lock to adjust and lock holder at desired viewing angle. Slot in the anti-glare cover if needed on the top bracket.
4. Push the base of the holder up with both hands to release from the antenna.



Install Batteries in the Remote Control

1. Make sure the remote control is turned off.
2. Use a screwdriver to open the battery compartment. Then Make sure the remote control is turned off; insert four AAA batteries (not included), matching the polarities (+ and -) marked inside. Use alkaline batteries for optimal performance. Replace the cover. Note! If the remote control's LEDs flash during use, the batteries are low and should be replaced.

Battery Notes

- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.
- Remove batteries during longer storage periods. Batteries can leak chemicals that can damage electronic parts.

Pairing

1. Turn on the drone. The LEDs on the drone flash.
2. Place the drone on level ground.
3. Turn on the remote control. The remote control's LEDs flash.
4. Move the throttle all the way up and then down to pair the remote control with the drone. The drone's propellers remain still during pairing. When paired, all LEDs on both the remote control and drone light steadily.

Note: Steps above, or change locations to avoid electrical interference. If pairing fails, turn off the drone and remote control and repeat.

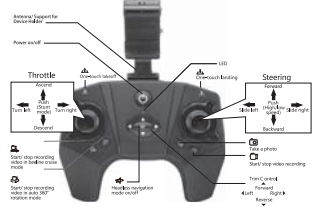
Fly Your Drone

There are 2 ways to take off. Place you drone on the ground and then either Press the **Take Off** button. The drone will automatically take off, ascending about 5 ft (150cm) and then hover. Move the throttle forward to ascend. To avoid ground air turbulence, fly the drone at least 3 ft (30cm) higher ground for speed options, push the steering control in to switch between high speed (double beep) and low speed (single beep).

IMPORTANT: If your drone crashes upside down, pull the throttle still while you handle the drone. Wait till the propellers have stopped before you way the drone.

Land Your Drone

Automatically: Press **Land**, and the drone will steadily descend and land. Manually: Slowly move the throttle backward to descend. Avoid moving the throttle too quickly, as it can stop the propellers instantly and cause the drone to crash. When you finish flying the drone, turn off the remote control and drone.



WARNING:

- To avoid injury and damage, inspect the propellers for nicks and breaks and make sure they are securely attached before and after each flight. Replace nicks, chipped, cracked or broken propellers.

Troubleshooting

Drone does not respond

- Make sure the drone and remote control are switched on and paired.
- The drone battery may be low. Fully charge the battery. See "Charge the Drone Battery."
- Remote control battery may be low. Replace the batteries.
- Make sure the drone is within the control range (200 ft/60.96m) and in line of sight.

Drone difficult to control

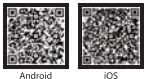
- The propellers may be deformed due to a crash. Adjust deformed propellers by hand if you cannot adjust them, replace with the spare propellers.
- The throttle control is very sensitive. Use small, fine movements to control.
- If you are a beginner, set to low speed mode or use Special Mode. See "Fly in Special Mode."

Replacing the Drone Battery (optional)

You may want to replace the drone's original battery :

- To extend playing times on the go with a spare battery (not included), charged and ready.
- When battery life approaches the end of its life cycle, with increasingly charging 100 minutes (shorter flight times after). In either case, make sure your new battery is the same type: 3.7V, 850mAh Lithium polymer.
- 1. Use a screwdriver to open the drone battery compartment door.
- 2. Unplug the white battery connector, then carefully ease the battery out. Avoid pulling on the battery cables as you may accidentally break them.
- 3. Insert a new battery, and plug in the battery cable connector.
- 4. Fully charge the battery. See "Charge the Drone Battery."

App Download



Made in China
Version : 2.0180805001

Troubleshooting

Drone does not respond


- Make sure the drone and remote control are switched on and paired.
- The drone battery may be low. Fully charge the battery. See "Charge the Drone Battery."
- Remote control battery may be low. Replace the batteries. For app pilots, recharge your smart device if the battery status is low.
- Make sure the drone is within the control range and in line of sight.

Drone difficult to control

- The propellers or protection guards may be deformed due to a crash. Adjust deformed propellers/guards by hand. If you cannot adjust the propellers/guards, detach and remove both guards if you cannot bend the guards) back into normal shape.
- The throttle control is very sensitive. Use small fine movements to control.
- If you are a beginner, set to low speed mode, the takeoff and landing buttons **Take Off** and **Land**, and select headless mode.

Drone swerves or moves erratically before taking off

- After a crash, the gyroscope inside your drone may need calibrating. On the remote control, do the following:
 1. Switch on your drone and remote control, and pair them.
 2. Move the throttle all the way down and the steering forward at the same time. Hold this position until the drone LEDs start to blink rapidly. Then release the controls.
 3. The drone LEDs light steadily. Calibration is successfully completed, and you are now ready for takeoff.
- See "Trim Your Drone" to further fine tune and improve control of your drone after calibration, if necessary.
- For app pilots, calibration is similar to the above. Move and hold the app's onscreen throttle and steering controls for 3 seconds, and then observe the drone LED status described in steps 2-3.

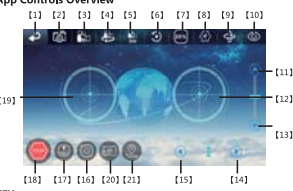


Replace Damaged Propeller

Replace the left and right propellers of orientation marking on propeller. The drone are different (see R/L under side) and on the rotor axis. You must use the correct propeller in the correct location.

To replace a damaged propeller, use a screwdriver to remove old propeller. Insert a new matching propeller onto the propeller axis, then screw securely.

App Controls Overview



KEY:

1. Go to previous page
2. Take a photo
3. Start/ stop video recording
4. Start/ stop recording video in auto 360° rotation mode
5. Start/ stop recording video in baseline cruise mode
6. Enter folder view for playback of photos/video. See page 14. "Playback Photos/Video."
7. Speed setting: 30/60/100%. Default 30%.
8. Activate/ deactivate headless mode
9. Activate/ deactivate stunt mode
10. Show/ hide throttle, steering and trim controls. Button icon toggles when touched
11. Trim control. adjust forward
12. Steering control. forward/backward/ slide left/ slide right
13. Trim control. adjust backward
14. Trim control. adjust right
15. Trim control. adjust left
16. Activate/ deactivate motion sensor control
17. One button takeoff/landing button icon toggles when touched
18. STOP: activate emergency landing. Motors will stop immediately, and cause the drone to fall in a hard landing. Avoid using STOP if the drone is flying above 100ft in the air to reduce damage from crash impact.
19. Throttle control: ascend/ descend/ turn left/ turn right

20. VR video: when recording video, press **VR** record and save video for a split screen video, which can be played in VR glasses.

21. Track Right: Press **Track Right** draw a line at random on the screen. When the finger leaves the screen, the plane begins to fly in the direction of the line

Using the Camera

1. For playing using the remote control, align and insert a Micro SD card into the slot in the direction as marked. Push the SD card in until it clicks.
2. To remove the SD card, press **Eject**.

Taking Photos and Videos

- When the drone is not stably, on the remote control, press **Photo** once to take a photo. The remote control beeps and the drone's back LEDs flash once.
- Press **Video** to record a video. Press **Photo** again to stop recording and save your file recording.
- To fly and shoot video in a beeline, press **Beeline** and the drone will automatically steadily rotate whilst hovering. Press **Photo** to stop shooting and return to normal flight mode.

Note:

- Video recordings are without audio, in order to omit the roaring drone motor.
- The remote control beeps and the drone's back LEDs flash repeatedly during recording.
- The video recorded may fail to play in some video applications if (1) the SD card falls out due to a crash (2) you remove the SD card before stopping recording; (3) battery power was too low during recording.

Download App

1. For Android and iOS users, go to Google Play or App Store respectively to download the "ZERAXA DRONE" app.
2. Follow screen instructions to install the app.
3. After installation, turn on the drone. The drone's LEDs start flashing indicating pairing mode.
4. On your smart device, open the Wi-Fi setting to start searching for the list of available Wi-Fi networks. Select the network named ZERAXA-xxxxx (Where xxxxx represents an unique code).
5. On your smart device, tap on **App** icon to enter the app. When the main menu screen appears, select "TAP TO BEGIN" to open the app control screen.
6. Upon successful connection with your drone, the drone LEDs stop flashing and light up steadily.
7. Familiarize yourself with the onscreen control. Have fun flying!

Trim Your Drone

Push the throttle forward and observe how the drone reacts. Forward/Reverse Movement Trim: If the drone tends to move forward, press **Reverse**; if it tends to move backward, press **Forward**. Left/Right Slide Trim: If the drone tends to slide right, press **Left**; if it tends to slide left, press **Right**.

Note: The remote control beeps when you press a trim control but stops beeping when you reach maximum trim adjustment.

Flip Stunt

1. Press the throttle, the remote controller will beep constantly.
2. Move the steering to perform flip stunt.
 - Front Flip: Move the steering forward.
 - Back Flip: Move the steering backward.
 - Left Flip: Move the steering left.
 - Right Flip: Move the steering right.
3. The drone will exit from flip stunt mode when finished flip, press the throttle can exit from flip stunt.

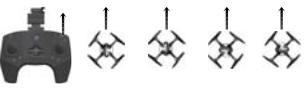
Note: To avoid hit people or other object, please ensure there is enough space for flip stunt performing.

Fly in "Headless" Mode

Featuring an integrated true-north compass, the drone can automatically align to "fl" headless. This simplifies steering.

1. During flight, press **Headless** on the remote. The drone's front LEDs flash when headless mode is activated.
2. The drone will now fly according to steering, regardless of which way the drone's head faces.

headless mode drone flight forward direction



FCC STATEMENT

1. 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.

2. Changes or modifications 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.