RELIDOL X62

RELIDOL X62 Drone User Manual

Model: X62 - Foldable Remote Control Quadcopter with 1080P Camera

1. IMPORTANT SAFETY INFORMATION

Please read this manual carefully before operating the RELIDOL X62 Drone. Failure to follow instructions may result in injury or damage. Keep this manual for future reference.

1.1 General Safety Guidelines

- Always operate the drone in open, clear areas, away from people, animals, buildings, trees, and power lines.

- Do not fly the drone in strong winds, rain, or other adverse weather conditions.

- Maintain a safe distance from the drone during operation. Do not attempt to catch the drone while its propellers are spinning.

- Ensure all propellers are securely attached and undamaged before each flight. Replace any damaged propellers immediately.

- This product is not a toy. It is recommended for users over 14 years of age. Adult supervision is advised for younger users.

- Perform a pre-flight check before every flight, including battery levels, propeller condition, and control responsiveness.

1.2 Battery Safety

- Use only the provided charging cables and batteries.

- Do not overcharge or over-discharge the batteries.

- Do not expose batteries to extreme temperatures, direct sunlight, or fire.

- If a battery appears swollen, damaged, or leaks, discontinue use immediately and dispose of it properly.

- Always charge batteries on a non-flammable surface and away from flammable materials.

2. PRODUCT OVERVIEW

The RELIDOL X62 is a versatile and user-friendly foldable drone equipped with a 1080P HD camera, designed for both beginners and experienced pilots. Its compact design allows for easy portability, while advanced features like voice and gesture control, 3D flips, and one-key operations enhance the flying experience.

Image: The RELIDOL X62 drone, remote control, smartphone holder, two batteries, two USB charging cables, four spare propellers, and four propeller guards.

2.1 Key Features

- **1080P HD Adjustable Camera:** Capture high-resolution photos and videos from a bird's-eye view with an 80° adjustable lens.

- **Foldable Design:** Compact and portable for easy transport.

- **Dual Batteries:** Two enhanced batteries provide extended flight time up to 25 minutes (10-12 minutes per battery).

- **Multiple Control Modes:** Operate via remote control, smartphone APP, or voice commands.

- **Beginner-Friendly Functions:** One-Key Start/Landing, Headless Mode, Altitude Hold, and Optical Flow Positioning for stable flight.

- **Fun Flight Modes:** 3D Flips, Gesture Control for photos/videos, Gravity Control, Waypoint Flyflight, Circle Fly,

and Rotation Fly.

- **Safety Features:** Emergency Stop, Propeller Guards, Child Lock, and Low Power Alarm.

2.2 What's in the Box

Step1	Place the drone on the flat ground, turn on the power switch, the light flashes, and the drone is in standby state. Note: Make sure the tail of the drone is facing towards you.	
Step2	Power on the remote control. The drone and remote control will automatically synchronize frequencies. The drone light will flash and then turn solid.	**X62**
Step3	Download and log in to the "X62DRONE" APP, click WiFi "X62DRONE xxxxxX" to connect to the APP	**QUICK START**
Step4	Move the left and right joysticks of the remote control to the lower left or lower right 45 degrees at the same time. The drone light flashes and then turns on, indicating that the horizontal calibration is complete.	(APP control)
Step5	Turn off the remote control; Enter the app control interface, click the icon of "Control Switch", then click the "Take Off" for successful takeoff.	

Image: Diagram showing the drone's dimensions and a list of included accessories.

- RELIDOL X62 Drone x 1
- Remote Control x 1
- USB Charging Cable x 2
- Spare Propellers x 4
- Drone Battery x 2
- Protective Frame (Propeller Guards) x 4
- Screwdriver x 1
- Carrying Bag x 1
- User Manual x 1
- Gift Box x 1

3. SETUP

3.1 Charging the Batteries

Before first use, fully charge both drone batteries and the remote control's built-in battery. Use the provided USB charging cables.

- Connect the USB charging cable to the drone battery and a USB power source (e.g., computer USB port, USB wall adapter).
- The indicator light on the charging cable will show charging status (refer to cable's specific indicator behavior).
- Charging time is approximately 60-90 minutes per battery.

3-GEAR SPEED

Progressing from easy
to challenging flights

Image: Illustration of the two drone batteries and their USB charging connection.

3.2 Installing Drone Battery and Propeller Guards

- Insert a fully charged drone battery into the battery compartment on the rear of the drone until it clicks into place.

- Attach the propeller guards to each arm of the drone by snapping them into the designated slots. This provides protection during flight.

Full protection

Module battery Long Range

USB Charge Safer

25 min Fly Longer

Image: The drone with its module battery inserted and propeller guards attached, highlighting full protection.

3.3 Unfolding the Drone

Gently unfold the drone arms until they are fully extended and locked into position.

Image: The compact, folded drone being easily stored in a pocket, demonstrating its portability.

3.4 Remote Control Setup

- Pull out the smartphone holder from the top of the remote control and securely place your smartphone in it.
- Ensure the remote control is fully charged.

Gravity Control

Enables the drone to mimic the movement of your mobile phone, perfect for beginners

Image: Detailed diagram of the remote control with a smartphone mounted, showing button functions like joysticks, photo/video, speed switch, and take off/land.

3.5 App Download and Connection

- Scan the QR code in the manual or search for the "X62DRONE" app in your smartphone's app store (iOS/Android).

- Install the app.

- Turn on the drone and then the remote control.

- On your smartphone, go to Wi-Fi settings and connect to the Wi-Fi network named "X62DRONE_xxxxxx".

- Open the "X62DRONE" app. You should see the drone's camera feed.

Image: The drone's 1080P HD camera with 110° FOV and 80° adjustable lens, showing real-time FPV transmission to a smartphone.

4. OPERATING INSTRUCTIONS

4.1 Quick Start Guide (Remote Control)

Image: Step-by-step visual guide for quick start using the remote control.

1. **Step 1:** Place the drone on a flat, level surface. Turn on the drone's power switch. The drone lights will flash, indicating it is in standby mode. Ensure the tail of the drone is facing towards you.

2. **Step 2:** Power on the remote control. The drone and remote control will automatically synchronize frequencies. The drone lights will turn solid when connected.

3. **Step 3:** Move both the left and right control sticks of the remote controller simultaneously to the lower left or lower right 45-degree angle. The drone lights will flash and then turn solid, indicating horizontal calibration is complete.

4. **Step 4:** Press the One-Key Takeoff button on the remote control to initiate flight.

4.2 Quick Start Guide (APP Control)

Image: Step-by-step visual guide for quick start using the mobile application.

1. **Step 1:** Place the drone on a flat, level surface. Turn on the drone's power switch. The drone lights will flash, indicating it is in standby mode. Ensure the tail of the drone is facing towards you.

2. **Step 2:** Power on the remote control. The drone and remote control will automatically synchronize frequencies. The drone lights will turn solid when connected.

3. **Step 3:** Download and log in to the "X62DRONE" APP. Connect your smartphone to the drone's Wi-Fi network: "X62DRONE_xxxxxx".

4. **Step 4:** Move both the left and right joysticks of the remote control simultaneously to the lower left or lower right 45-degree angle. The drone lights will flash and then turn solid, indicating horizontal calibration is complete.

5. **Step 5:** Turn off the remote control. Enter the app control interface, click the icon of "Control Switch", then click the "Take Off" button for successful takeoff.

4.3 Basic Flight Controls

- **Take-off/Landing:** Press the One-Key Takeoff/Landing button.

- **Altitude Hold:** The drone will automatically maintain a certain height, making it easier to control.

- **Headless Mode:** Eliminates the need to adjust the drone's position before flight. The drone's direction will be relative to the pilot. Activate by long-pressing the Take-off/Land button for 4 seconds. Long-press again to cancel.

- **Speed Adjustment:** The drone has 3 speed gears (low, medium, high) for different skill levels and wind conditions. Short press the Speed Switch button on the remote.

Beginner Friendly

HEADLESS MODE

ONE KEY TAKE-OFF /LANDING

ALTITUDE HOLD

Image: The RELIDOL X62 drone in flight, illustrating its beginner-friendly features such as Headless Mode, One Key Take-off/Landing, and Altitude Hold.

Product size

10.24in

11.02in

11.22in

11.81in

2.95in

4.92in

2.65in

List of accessories

Drone x 1

Remote Control x 1

USB Charging Cable x 2

Spare Propellers x 4

Drone Battery x 2

Protective Frame x 4

Screwdriver x 1

Carrying Bag x 1

Users Manual x 1

Gift Box x 1

Image: Visual explanation of Headless Mode, which helps beginners avoid directional confusion.

If the X62 drone you purchased fails within 45 days from the date of drone arrival during normal usage, we ll replace it at no cost to you.

The main components of the RELIDOL drone are also guaranteed.

Image: Illustration of the drone's 3-Gear Speed settings, allowing progression from easy to challenging flights.

4.4 Advanced Flight Features (APP Control)

- **3D Flip:** Long press the Speed Switch button on the remote to perform a 360° flip.

- **Gravity Control:** Enables the drone to mimic the movement of your mobile phone. Tilt your phone to control the drone's direction.

- **Voice Control:** Command the drone with simple voice instructions like "Take off", "Fly", "Forward", "Backward", "Left", "Right", "Photo", "Record".

- **Gesture Photography:** Post a "V" sign or "palm" gesture to the camera, and the drone will automatically take a photo or video within 3 seconds.

- **Waypoint Flyflight (Tap Fly):** Draw a flight path on your smartphone screen, and the drone will follow the designated route.

- **Circle Fly/Rotation Fly:** The drone can fly in a circle around a designated point.

Gravity Control

Sound Control
Fly/Forward/Backward /Left/Right/Photo/Record

Fly

Forward

Photo/Record

Image: Demonstrates Gravity Control, where the drone mimics phone movement, and Sound Control with voice commands like 'Fly', 'Forward', and 'Photo/Record'.

Step1	Place the drone on the flat ground, turn on the power switch, the light flashes, and the drone is in standby state. Note: Make sure the tail of the drone is facing towards you.	
Step2	Power on the remote control. The drone and remote control will automatically synchronize frequencies. The drone light will flash and then turn solid.	
Step3	Move the left and right control sticks of the remote controller at a lower left or right 45 angle at the same time. The drone light will flash and then turn solid, the horizontal calibration is completed	
Step4	Press the one-key takeoff button on the remote control for successful takeoff.	

X62

QUICK START
(Remote control)

Image: Visual representation of the Tap Fly feature, allowing users to create custom flight paths on a map.

4.5 Camera Operation

- **Take Photo:** Press the Photo/Video button on the remote control or tap the camera icon in the app.

- **Record Video:** Press the Photo/Video button again to start recording. Press again to stop.

- **Adjust Camera Angle:** Use the camera up/down adjustment buttons on the remote control to change the lens angle.

Image: Screenshot of the drone's app control interface, showing various icons for photo, video, speed, tap fly, 360° flip, headless mode, gravity control, and gesture selfie.

4.6 Emergency Stop

In case of an emergency or loss of control, press the Emergency Stop button on the remote control. The drone will immediately stop its propellers and fall. Use this feature only when necessary to prevent damage or injury.

5. MAINTENANCE

5.1 Cleaning

- Wipe the drone body with a clean, dry, soft cloth.

- Do not use liquid cleaners or solvents.

5.2 Propeller Replacement

- If a propeller is damaged, replace it with a spare propeller from the package.

- Use the included screwdriver to remove the screw holding the damaged propeller.

- Ensure you match the correct propeller type (A or B) to the corresponding motor arm. The drone arms are marked.

- Secure the new propeller with the screw.

Image: The drone equipped with propeller guards, illustrating full protection for the propellers during flight.

6. TROUBLESHOOTING

- **Drone not responding to remote:** Ensure both drone and remote are powered on and batteries are charged. Re-pair the drone and remote by following the Quick Start steps.

- **Unstable flight/Drifting:** Perform horizontal calibration as described in the Quick Start guide. Check for damaged propellers and replace if necessary. Ensure flight is in a windless environment, especially for beginners.

- **Camera not working/No FPV feed:** Ensure your smartphone is connected to the drone's Wi-Fi network. Restart the app and the drone.

- **Short flight time:** Ensure batteries are fully charged. Flight time can vary based on flight style and environmental factors.

- **Drone not taking off:** Ensure batteries are charged and properly installed. Perform calibration. Check if propellers are spinning freely.

7. SPECIFICATIONS

Feature	Specification
Brand	RELIDOL
Model Name	X62
Color	Grey
Connectivity Technology	Wi-Fi
Camera Resolution	1080P HD
Adjustable Camera Angle	80°
Battery Capacity	999.99 Amp Hours (Lithium Ion)

Number of Batteries	2 (included)
Flight Time	Up to 25 minutes (with 2 batteries)
Control Range	Up to 328 FT (100 meters)
Material	Plastic, Metal
Item Weight	1.15 pounds
Recommended Age	Over 14 years

8. WARRANTY AND SUPPORT

RELIDOL is committed to providing quality products and excellent customer service.

Image: Visual representation of RELIDOL's after-sales service policy.

8.1 Product Warranty

- If your X62 drone fails within**45 days** from the date of arrival during normal usage, RELIDOL will replace it at no cost to you.

- The main components of the RELIDOL drone are guaranteed for**6 months**.

8.2 Customer Support

If you have any questions about the product, require assistance with setup, operation, or troubleshooting, please do not hesitate to contact our customer support team.
Email: support@relidol.com
We aim to respond to all inquiries within 12 hours. We also provide refund and exchange services for quality-related issues.