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› XiaoXIN YLR/C S65 RC Drone User Manual

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Model: YLR/C S65

1. INTRODUCTION

This manual provides essential instructions for the safe operation, setup, and maintenance of your XiaoXIN YLR/C S65 RC Drone. Please read this manual thoroughly before operating the drone to ensure proper function and to avoid damage or injury.

2. SAFETY INFORMATION

Always prioritize safety during drone operation. Failure to follow these guidelines may result in injury, damage to the drone, or property damage.

- **Battery Safety:**

- Do not overcharge or over-discharge batteries.
- Do not expose batteries to high temperatures.
- Do not dispose of batteries in fire or water.

- **Flight Environment:**

- Avoid flying in areas with strong WiFi signals or potential signal interference.
- Ensure sufficient clear space for flight, away from obstacles, people, and animals.
- Operate the drone within the specified remote control distance (80-100m).

- **General Precautions:**

- Keep the drone away from your face and eyes during operation.
- Adult supervision is recommended for younger users.
- Do not modify the drone or its components.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Mini RC Drone
- 1 x Remote Controller
- 3 x Flight Battery
- 1 x USB Cable
- 4 x Spare Propeller
- 4 x Protection Ring
- 1 x Screwdriver
- 1 x User Manual (this document)
- 1 x Storage Bag



Image: The drone, remote controller, and storage bag, illustrating their relative sizes and dimensions.

4. PRODUCT OVERVIEW

The XiaoXIN YLR/C S65 is a compact and foldable RC drone equipped with a 4K camera, designed for ease of use and portability.



Image: The drone shown in both its folded (9 x 5.5 x 4 cm) and unfolded (13 x 11 x 4 cm) configurations, highlighting its compact design and dimensions.

4.1. Folding Mechanism

The drone features a scientific folding body design, making it highly portable and easy to carry. To fold, gently collapse the propeller arms inwards. To unfold, extend the arms until they lock into place.

Convenient and easy to carry

Folding creativity, lighter installation

More scientific folding body design,
Mini body, let you every time Traveling
is easier and more convenient.



Folded 9x5.5x4cm



Unfold 13x11x4cm

Image: A visual comparison of the drone in its folded and unfolded states, demonstrating the folding creativity for lighter installation and convenient travel.

4.2. Remote Controller

The remote controller is designed for comfortable grip and intuitive control. It also features a unique storage design for two spare UAV batteries.

Own what others don't haveThe design of the remote control storage dark warehouse!

The back of the remote control adopts a special design, and two UAV batteries can be installed on each side.Pool, so that you can easily spare two batteries at all times, easy to install and take!

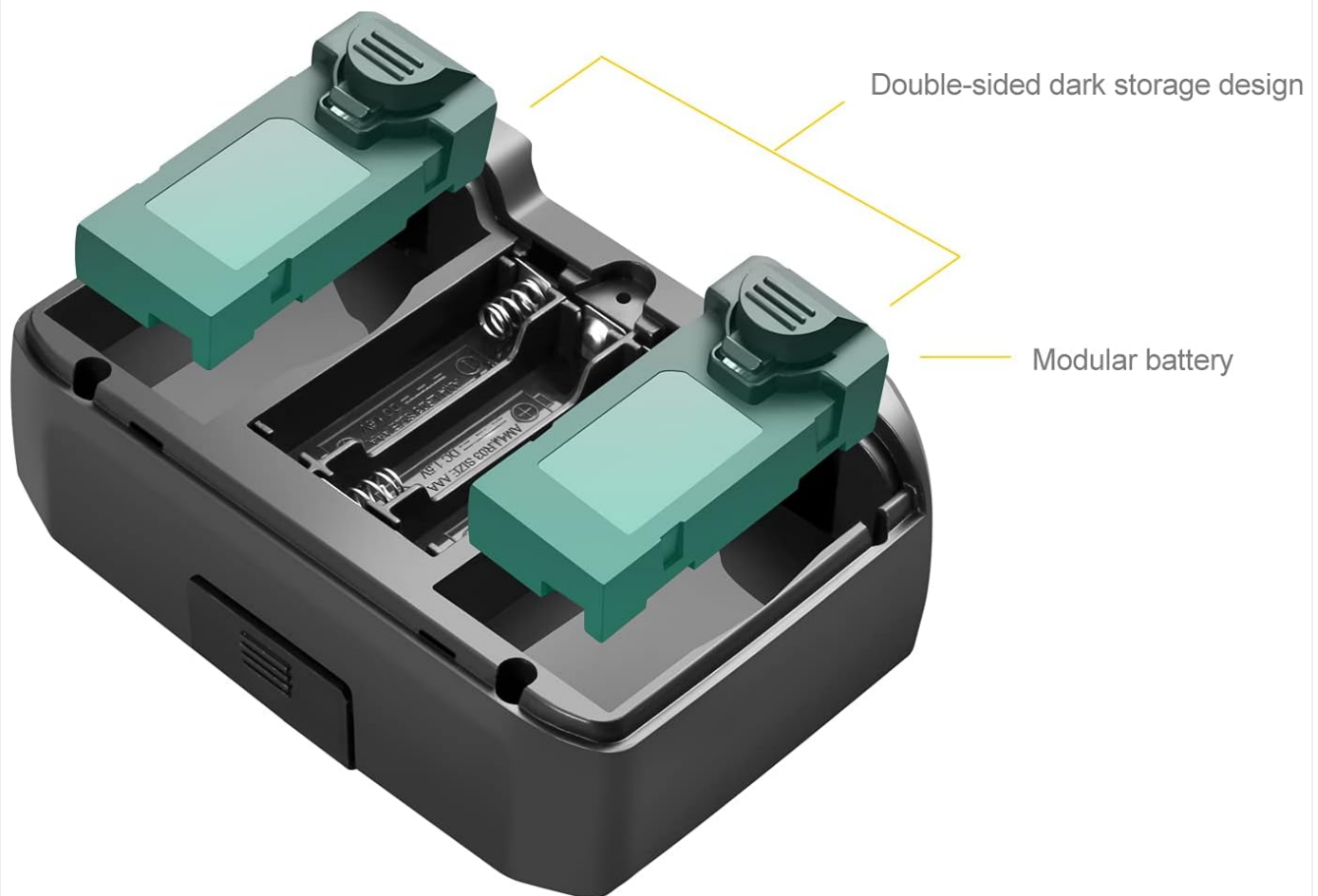


Image: The remote control unit, showing the double-sided dark storage design for modular batteries on its back, allowing for easy installation and access to spare batteries.

5. SETUP

5.1. Charging the Flight Battery

1. Connect the flight battery to the provided USB charging cable.
2. Plug the USB cable into a suitable USB power adapter (not included).
3. The charging time is approximately 40 minutes. Do not overcharge the battery.

5.2. Installing Remote Controller Batteries

1. Open the battery compartment on the back of the remote controller.
2. Insert 3 AA batteries (not included), ensuring correct polarity.

3. Close the battery compartment securely.

5.3. App Installation and Connection

1. Download the corresponding control application for your mobile device. The app is compatible with Android 5.0+ and iOS 9.0+ systems.
2. Turn on the drone and the remote controller.
3. On your mobile device, connect to the drone's WiFi network. Confirm to keep the WiFi connection if prompted.
4. Open the control application. If the app cannot control the drone or show the picture, refer to the Troubleshooting section.

6. OPERATING INSTRUCTIONS

Familiarize yourself with the remote controller and drone functions before your first flight.

6.1. Basic Flight Controls

- **One Key Takeoff/Landing:** Press the designated button on the remote controller or in the app for automatic takeoff or landing. This feature is convenient for beginners.
- **Directional Control:** Use the joysticks to control sideward flight, turn left/right, up/down, and forward/backward movements.

6.2. Special Flight Functions

- **Headless Mode:** Activate headless mode to simplify flight control by eliminating the need to distinguish the drone's head direction. The drone will move relative to the pilot's orientation.
- **Trajectory Flight:** In the control app, draw a desired flight path on the screen. The drone will automatically follow this trajectory.
- **Gesture Control:** Utilize specific hand gestures to command the camera to take photos or record videos. Refer to the app interface for specific gesture recognition patterns.
- **3D Flip:** Execute impressive aerial stunts with the 3D flip function. Consult the app or remote control instructions for activation.

Suitable for novices

Smart hover, fly well

A new generation of intelligent hovering system,
Maintain altitude at all times during the flight,
Easy to control and easy to shoot, easy to use
for novices.



Suitable for outdoor flight



Suitable for indoor flight

Image: The drone hovering, illustrating its intelligent hovering system that maintains altitude for stable flight, suitable for both indoor and outdoor environments.

6.3. Camera Operation

The drone is equipped with a 4K camera for high-quality aerial photography and video recording.

- **Photo Resolution:** 4096*2160P
- **Video Resolution:** 1920*1080P
- Control camera functions (take photo, record video) via the mobile application or gesture control.
- The image transmission distance is approximately 30-40m.

7. MAINTENANCE

7.1. Cleaning

Gently wipe the drone and remote controller with a soft, dry cloth. Avoid using harsh chemicals or excessive moisture.

7.2. Propeller Replacement

If propellers are damaged, use the provided screwdriver to carefully remove the old propellers and install new ones from the spare set. Ensure propellers are installed correctly according to their markings (if any).

7.3. Battery Care

Store batteries in a cool, dry place. Do not leave batteries fully charged or fully discharged for extended periods. Follow all safety guidelines regarding battery handling.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Difficulty connecting to drone's WiFi	Signal interference from other WiFi networks.	Try turning the drone's WiFi off and on again several times. Move to an area with fewer WiFi options.
App cannot control the drone	Drone not calibrated; drone connected to app but not remote.	Calibrate the drone until its lights stop flashing before attempting takeoff. Ensure proper pairing with the remote controller.
App cannot display live video feed	Incorrect app or WiFi connection; mobile system incompatibility.	Ensure you have downloaded the correct app. Connect to the drone's WiFi and confirm the connection. Try using a different mobile phone if system incompatibility is suspected (Android 5.0+ / iOS 9.0+ recommended).
Drone does not respond to remote	Low battery in drone or remote; drone not paired.	Charge drone battery. Replace remote controller batteries. Re-pair the drone and remote controller.

9. SPECIFICATIONS

Feature	Detail
Model Name	YLR/C S65
Manufacturer Model Number	XiaoXIN D2308HTBERM13896B-2-3
Frequency	2.4Ghz
Drone Battery	3.7V 650mAh
Remote Control Battery	3 x AA battery (not included)
Charging Time	Approximately 40 minutes
Flight Time	10-12 minutes
Remote Control Distance	80-100 meters

Feature	Detail
Drone Weight	59g
Front Camera Photo Resolution	4096*2160P
Front Camera Video Resolution	1920*1080P
Applicable Mobile Phone System	Android 5.0+, iOS 9.0+
Image Transmission Distance	30-40 meters
Unfolded Size (L x W x H)	13 x 11 x 4 cm
Folded Size (L x W x H)	9 x 5.5 x 4 cm
Package Size (L x W x H)	18 x 14 x 6 cm
Package Weight	284g

10. SUPPORT

If you encounter any problems or require further assistance with your XiaoXIN YLR/C S65 RC Drone, please contact the store where you purchased the product. They are available to provide support and service.

