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› [RLS](#) /

› RLS Huina 1572 RC Crawler Crane 1:14 2.4ghz Construction Tower Excavator Truck Toy User Manual

## RLS 1572

# RLS Huina 1572 RC Crawler Crane User Manual

Model: 1572 | Brand: RLS

## 1. INTRODUCTION

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Thank you for purchasing the RLS Huina 1572 RC Crawler Crane. This 1:14 scale, 15-channel remote-controlled model is designed to replicate the functionality and appearance of a real construction tower excavator. Featuring durable metal alloy components and advanced 2.4GHz control technology, this model offers precise operation and realistic play.

This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your RC Crawler Crane. Please read it thoroughly before first use to ensure optimal performance and longevity of your product.

## 2. SAFETY INFORMATION

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**WARNING: Adult supervision is recommended when operating this toy.**

- Keep hands, hair, and loose clothing away from moving parts.
- Do not operate near people, pets, or obstacles to prevent injury or damage.
- Ensure the operating area is clear and safe.
- Do not operate in wet conditions or near water.
- Use only the provided charging cable and follow battery charging instructions carefully.
- Do not attempt to modify or disassemble the product.
- This product contains small parts and is not suitable for children under 3 years due to choking hazards. Recommended age is 3 years and up.

## 3. PACKAGE CONTENTS

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Please check the package contents to ensure all items are present:

- 1 x RLS Huina 1572 RC Crawler Crane
- 1 x Remote Control
- 1 x Rechargeable Battery for Crane (Lithium-Ion)
- 1 x Charging Cable
- 2 x AA Batteries for Remote Control (included)
- 1 x Simulated Wood Log (accessory)

- 1 x Product Manual (this document)



Image 1: The RLS Huina 1572 RC Crawler Crane and its accompanying remote control, as found in the package.

## 4. PRODUCT OVERVIEW

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The Huina 1572 RC Crawler Crane is a highly detailed 1:14 scale model designed for realistic operation. It features a 15-channel 2.4GHz control system, allowing for precise and independent control of various functions.

### Key Features:

- **Durable Construction:** The bucket, cab, and wheel hubs are crafted from hard metal alloy for enhanced durability.
- **Realistic Movement:** Rubber treads provide excellent grip, allowing the crane to climb effortlessly.
- **Advanced Control:** 2.4GHz transmitter offers 15 separate functions, enabling control of all model joints.
- **680° Cab Rotation:** The die-cast alloy cab can rotate a full 680 degrees for comprehensive operational range.
- **Multi-Model Operation:** 2.4GHz technology allows multiple models to operate simultaneously without interference.
- **Programmable Functions:** The transmitter can be programmed to perform a series of movements with a single

button.

- **Realistic Details:** Features include working lights and music for an immersive experience.

# STRONG LIFTING CAPACITY



Image 2: The RC Crawler Crane showcasing its strong lifting capacity, capable of lifting other remote-controlled vehicles.

# THE WORKBENCK CAN BE ROTATED 680°



Image 3: The main body of the RC Crawler Crane demonstrating its 680-degree rotation capability, allowing for wide operational coverage.

## 5. SETUP

### 5.1 Charging the Crane Battery

1. Locate the rechargeable Lithium-Ion battery for the crane.
2. Connect the battery to the provided charging cable.
3. Plug the charging cable into a suitable USB power source (e.g., computer USB port, USB wall adapter).
4. The charging indicator light on the cable will show the charging status (refer to cable instructions for specific light behavior).
5. Once fully charged, disconnect the battery from the charger. Do not overcharge.

### 5.2 Installing Batteries in the Remote Control

1. Locate the battery compartment on the back of the remote control.
2. Open the battery compartment cover.

3. Insert 2 AA batteries (included) into the compartment, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

### 5.3 Installing the Crane Battery

1. Locate the battery compartment on the underside or rear of the crane.
2. Open the battery compartment cover.
3. Carefully connect the charged battery to the crane's power connector.
4. Place the battery inside the compartment and close the cover securely.

### 5.4 Pairing the Remote Control

1. Ensure both the crane and the remote control are powered off.
2. Turn on the crane's power switch.
3. Turn on the remote control's power switch.
4. The remote control and crane should automatically pair. A successful pairing is usually indicated by a solid light on both devices or an audible confirmation. If pairing fails, turn both off and repeat the steps.

## 6. OPERATING INSTRUCTIONS

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Familiarize yourself with the remote control layout and functions before operating the crane.

### 6.1 Remote Control Functions

The 15-channel remote control allows for comprehensive operation:

- **Left Joystick:** Controls forward/backward movement and left/right turning of the crawler tracks.
- **Right Joystick:** Controls the main boom's up/down movement and the hook's up/down movement.
- **Cab Rotation Buttons:** Dedicated buttons for 680° left and right rotation of the crane's cab.
- **Boom Extension/Retraction:** Buttons to extend and retract the crane's boom.
- **Lights/Sound Buttons:** Activates realistic lights and sounds.
- **Programming Button:** Initiates and saves programmed sequences of movements.
- *Refer to the remote control's diagram for exact button mapping.*



Image 4: Detailed view of the crane's boom and hook, highlighting the independent control mechanisms for precise operation.

## 6.2 Basic Operation

1. **Driving:** Use the left joystick to move the crane forward, backward, and turn.
2. **Cab Rotation:** Use the dedicated buttons to rotate the cab left or right.
3. **Boom Control:** Use the right joystick to raise or lower the main boom. Use specific buttons for boom extension/retraction.
4. **Hook Control:** Use the right joystick to raise or lower the hook.
5. **Lifting Objects:** Carefully position the crane, lower the hook, attach the simulated wood log (or other light objects), and slowly raise the hook. Ensure the load is balanced and within the crane's lifting capacity.

# REDUCTION

TO DEMONSTRATE MILITARY  
QUALITY



Image 5: A side profile of the RC Crawler Crane, illustrating its detailed design and robust construction, reflecting a high degree of realism.

## 6.3 Programming Functions

The remote control allows you to record and replay a sequence of movements:

1. Press the "Program" button (refer to remote diagram). The remote may emit a sound or light to indicate recording mode.
2. Perform the desired sequence of movements using the joysticks and buttons.
3. Press the "Program" button again to save the sequence.
4. To replay the sequence, press the "Play" or "Program" button (depending on remote design).

## 7. MAINTENANCE

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### 7.1 Cleaning

- Wipe the crane and remote control with a soft, dry cloth after each use.

- Do not use water or chemical cleaners, as this may damage electronic components.
- Remove any debris from the crawler tracks and moving parts.

## 7.2 Battery Care and Storage

- Always remove batteries from both the crane and the remote control when not in use for extended periods.
- Store the product in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not dispose of batteries in fire; they may explode.
- Dispose of used batteries responsibly according to local regulations.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Crane does not respond to remote control.	Batteries are low or dead. Batteries installed incorrectly. Not paired correctly. Out of range.	Charge crane battery; replace remote control batteries. Check battery polarity. Re-pair the remote control and crane (refer to Section 5.4). Move closer to the crane.
Crane moves slowly or lacks power.	Low battery in crane. Overloading the crane.	Recharge the crane battery. Reduce the weight of the lifted object.
Interference during operation.	Other 2.4GHz devices nearby.	Move to an area with less interference. Ensure no other RC toys are operating on the same frequency.

## 9. SPECIFICATIONS

- **Model Number:** 1572
- **Scale:** 1:14 Scale
- **Dimensions:** 29 x 17 x 28.5 cm (L x W x H)
- **Weight:** 3.1 kg
- **Control Frequency:** 2.4GHz
- **Channels:** 15 Channels
- **Cab Rotation:** 680 degrees
- **Crane Battery:** Lithium-Ion (rechargeable, included)
- **Remote Control Batteries:** 2 x AA batteries (included)
- **Material:** Alloy Steel, Plastic, Cotton, Rubber
- **Color:** Yellow and Black
- **Manufacturer Recommended Age:** 3 years and up

## 10. WARRANTY AND SUPPORT

**Warranty Information:** Specific warranty details for this product are not provided in this manual. Please refer to your purchase documentation or contact the seller for warranty terms and conditions.

**Customer Support:** For any questions, technical assistance, or issues not covered in this manual, please contact the

seller, Reliable Local Stores, through the platform where you purchased the product. They will be able to provide further support and guidance.

**Official Product Videos:** No official product videos from the seller are available for embedding at this time.