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**HUINA 1535**

# HUINA 1/14 RC Electric Excavator 1535 Instruction Manual

Brand: HUINA | Model: 1535

## INTRODUCTION

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Thank you for choosing the HUINA 1/14 RC Electric Excavator 1535. This remote-controlled digger is designed for enthusiasts aged 14 and up, offering a realistic and engaging experience with its 15-channel 2.4G radio control, sound effects, and light features. This manual provides essential information for safe setup, operation, and maintenance to ensure optimal performance and longevity of your model.



Figure 1: HUINA 1/14 RC Electric Excavator 1535.

## PACKAGE CONTENTS

- 1/14 RC Excavator Truck Toy
- 2.4G Radio Controller (AA\*2 batteries not included)
- Vehicle Battery (7.4V Li-Po)
- USB Charging Cable
- Light & Sound Unit

## SPECIFICATIONS

| Feature      | Detail           |
|--------------|------------------|
| Manufacturer | HUINA (wheelfun) |
| Scale        | 1/14             |

|                           |  |
|---------------------------|--|
| Model Number              | 1535 (TH25807-AMZUS2-S)                              |
| Material                  | Metal, Plastic                                       |
| Vehicle Size              | Approx. 48 x 30 x 17.5 cm (18.9 x 11.8 x 6.9 inches) |
| Item Weight               | 6 pounds   |
| Vehicle Battery           | 7.4V Li-Po (Included)                                |
| Remote Controller Battery | AA*2 (Not Included)                                  |
| Play Time                 | Approx. 20-30 minutes                                |
| Charging Time             | 2 hours  |
| Remote Control Distance   | Approx. 25 meters                                    |
| Recommended Age           | 14 years and up                                      |



Figure 2: Excavator dimensions for reference.

## SAFETY INFORMATION

- Always operate the excavator in a safe, open area away from people, pets, and obstacles.
- Do not operate near water or in wet conditions to prevent electrical damage.
- Keep fingers, hair, and loose clothing away from moving parts.
- Ensure the battery is fully charged before each use for optimal performance.
- Supervise younger users, even if the recommended age is met.
- Turn off both the excavator and remote controller when not in use.

# SETUP

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## 1. Battery Installation

### Vehicle Battery:

1. Locate the battery compartment on the excavator.
2. Carefully connect the provided 7.4V Li-Po battery to the excavator's power connector.
3. Place the battery securely into the compartment and close the cover.

### Remote Controller Battery:

1. Open the battery cover on the back of the 2.4G radio controller.
2. Insert 2 AA batteries (not included), ensuring correct polarity (+/-).
3. Close the battery cover.

## 2. Charging the Vehicle Battery

1. Connect the 7.4V Li-Po battery to the USB charging cable.
2. Plug the USB charging cable into a compatible USB power source (e.g., computer, USB wall adapter).
3. The charging indicator light on the USB cable will show the charging status (refer to charger instructions for specific light behavior).
4. Charging typically takes about 2 hours. Disconnect once fully charged.

## 3. Remote Controller Pairing

1. Ensure the excavator's battery is installed and the power switch is OFF.
2. Turn ON the remote controller.
3. Turn ON the excavator's power switch.
4. The remote controller and excavator should automatically pair. A successful connection is usually indicated by a solid light on the remote or a specific sound from the excavator.
5. If pairing fails, turn both devices OFF, then repeat steps 2-4.

# OPERATING THE EXCAVATOR

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## Basic Controls

The 15-channel remote controller allows for precise and full-function control of the excavator. Familiarize yourself with the joystick and button layout for optimal operation.

- **Forward/Backward Movement:** Use the left joystick to move the excavator forward or backward.
- **Left/Right Steering:** Use the left joystick to steer the excavator left or right while moving.
- **Arm and Boom Control:** The right joystick and various buttons control the independent movements of the bucket, boom, and arm for digging and lifting.
- **Rotating Platform:** Use dedicated buttons or joystick movements to rotate the excavator's cabin and arm assembly 360 degrees.

## Special Functions

- **Smart Lighting:** Activate the one-touch powerful illumination for clear vision during night operations or in low-light conditions.
- **Sound Effects:** The excavator features realistic engine sounds and operational noises.

- **Auto-Demo Mode:** Press the auto-demo button to initiate a pre-programmed sequence of movements, showcasing the excavator's capabilities.



Figure 3: The excavator demonstrating its range of motion.

## MAINTENANCE

- **Cleaning:** After each use, especially if operated in dirt or sand, gently clean the excavator with a soft, dry cloth. Avoid water or harsh chemicals.
- **Storage:** Store the excavator and remote controller in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries from the remote controller if storing for extended periods.
- **Battery Care:** Do not overcharge or completely discharge the Li-Po battery. Follow charging guidelines to prolong battery life.
- **Technical Support:** For complex repairs or technical guidance, a professional after-sales and technical maintenance team is available to provide assistance in English via video or text.

## TROUBLESHOOTING

| Issue                               | Possible Solution  |
|-------------------------------------|--|
| Excavator does not turn on.         | Ensure the vehicle battery is fully charged and correctly connected. Check the power switch.                             |
| Remote controller does not respond. | Check if AA batteries are correctly installed and have sufficient power. Ensure the remote is paired with the excavator. |

|                                 |   |
|---------------------------------|---|
| Excavator loses connection.     | Move closer to the excavator. Ensure no strong interference sources are nearby.<br>Re-pair the remote controller. |
| Movements are sluggish or weak. | The vehicle battery may be low. Recharge the battery.   |

## WARRANTY AND SUPPORT

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The manufacturer uses solid packaging for all items. In case of damage upon arrival, a free replacement part can be resent. For any issues or technical assistance, a professional after-sales and technical maintenance team is available to provide guidance in English through video or text for repairs. Please contact the seller or manufacturer's support channels for further assistance.

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This manual is for informational purposes only. Specifications are subject to change without notice.