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> HUINA 1/14 593 Model RC Excavator Instruction Manual

wheelfun TH18066-AMZUS2-2

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Model: TH18066-AMZUS2-2 | Brand: wheelfun

INTRODUCTION

Thank you for purchasing the HUINA 1/14 593 Model RC Excavator. This hobby-grade remote control excavator is designed for enthusiasts aged 21 and up, offering a realistic and engaging operating experience with its 22-channel control system. This manual provides essential information for setting up, operating, and maintaining your new RC excavator to ensure optimal performance and longevity.



The HUINA 1/14 593 RC Excavator, shown with its remote control, rechargeable battery, and USB charging cable.

WHAT'S IN THE BOX

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

- HUINA 1/14 593 RC Excavator (Assembled and Painted)
- 2.4G Remote Control
- Rechargeable Body Battery (1200mAh Lithium Battery)
- USB Charging Cable
- Product Manual

SETUP GUIDE

1. Battery Installation and Charging

The excavator comes with a high-performance 1200mAh lithium body battery. The remote control requires 3 AA batteries (not included).

1. **Excavator Battery:** Locate the battery compartment on the excavator. Connect the rechargeable battery to the excavator's power connector. Securely close the battery compartment.
2. **Charging the Excavator Battery:** Use the provided USB charging cable. Connect the cable to the battery and plug the USB end into a standard USB power adapter (e.g., phone charger, computer USB port). The charging time is approximately 120 minutes for a full charge, providing up to 60 minutes of play time.
3. **Remote Control Batteries:** Open the battery compartment on the back of the remote control. Insert 3 AA batteries, ensuring correct polarity (+/-). Close the compartment securely.

2. Pairing the Remote Control

The excavator and remote control operate on a 2.4G frequency, allowing for multiple units to operate simultaneously without interference.

1. Ensure both the excavator and the remote control are powered off.
2. Turn on the excavator's power switch.
3. Turn on the remote control's power switch. The indicator light on the remote will blink.
4. Wait a few seconds for the remote control and excavator to automatically pair. The indicator light on the remote will become solid once paired successfully.

OPERATING INSTRUCTIONS

The HUINA 593 excavator features 22 channels of control, allowing for precise and realistic movements.



Detailed layout of the 2.4G remote control, showing various functions for the excavator's movements.

Remote Control Functions:

- **Left Joystick:** Controls the movement of the tracks (Forward/Backward, Turn Left/Right).
- **Right Joystick:** Controls the main arm (Boom Up/Down) and bucket (Bucket Up/Down).
- **Left Shoulder Buttons:** Controls the middle arm (Arm Up/Down).
- **Right Shoulder Buttons:** Controls the cab rotation (Rotate Left/Right). The workbench offers unlimited 360-degree rotation.
- **Sound Switch:** Toggles excavator sound effects.
- **Cab Light Switch:** Controls the cab lights.
- **Indicator Light:** Shows power and pairing status.

Workbench with unlimited rotation, unrestricted turning.

TABLE CAN ROTATE 360°

Replicate the workbench rotation design to eliminate the cumbersome left and right movement controls.



HUI NA MODEL

22 channels

22 CHANNEL REAL MINING EXPERIENCE

Play with digging operation

Remote control of the boom, arm, excavator bucket, workbench, and tracks, with multiple structures working together to provide more excavation fun.



The excavator's workbench can rotate 360 degrees, providing unrestricted movement for digging operations.

Digging Operations:

Combine the movements of the boom, arm, and bucket to perform realistic digging, lifting, and dumping actions. Practice coordinating the controls for smooth and efficient operation.

HUI NA MODEL

2.4G frequency conversion remote control
Competition does not interfere with each other

2.4G REMOTE CONTROL

Remote control anti-interference ability
Multiple simultaneous operations do not affect each other
Interaction is more fun



HUI NA MODEL

The excavator arm is incredibly powerful, capable of lifting the entire body.

THE ARM IS STRONG

It relies on the strength of the arm to raise its whole structure and then moves forward to cross over high platforms, with the arm helping it ascend and descend steps.



The excavator arm is designed for strength, capable of lifting the entire body and navigating various terrains.

MAINTENANCE

- **Cleaning:** After use, especially in dusty or dirty environments, gently wipe down the excavator with a dry or slightly damp cloth. Avoid using harsh chemicals or excessive water.
- **Storage:** Store the excavator and remote control in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries from the remote control if storing for extended periods to prevent leakage.
- **Battery Care:** Do not overcharge or completely discharge the lithium battery. Charge it fully before long-term storage and recharge every few months to maintain battery health.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Excavator does not respond to remote control.	Low battery in excavator or remote; Not paired; Interference.	Charge excavator battery; Replace remote control batteries; Re-pair the remote and excavator; Move to an area with less interference.
Excavator moves slowly or weakly.	Low battery in excavator.	Recharge the excavator battery fully.
Arm or bucket movements are erratic.	Obstruction; Mechanical issue.	Check for any debris or obstructions in the joints; If issue persists, contact support.

SPECIFICATIONS

- **Model:** HUINA 1/14 593 RC Excavator
- **Model Number:** TH18066-AMZUS2-2
- **Scale:** 1:14
- **Channels:** 22CH
- **Material:** Plastic, Metal (Alloy components for durability)
- **Dimensions (L x W x H):** 310mm x 180mm x 430mm (approximately 12.2 x 7.1 x 16.9 inches)
- **Item Weight:** Approximately 10.23 pounds (4.64 kg)
- **Battery:** 1200mAh 7.4V Lithium Battery
- **Charging Time:** Approx. 120 minutes
- **Play Time:** Approx. 60 minutes
- **Remote Control Frequency:** 2.4GHz
- **Remote Control Range:** Up to 25 meters
- **Recommended Age:** 21 years and up
- **Condition:** New, Assembled and Painted



Detailed dimensions of the HUINA 1/14 593 RC Excavator.

WARRANTY AND SUPPORT

For any questions, concerns, or technical support regarding your HUINA 1/14 593 Model RC Excavator, please contact the manufacturer, wheelfun. Refer to your purchase documentation for specific warranty details and contact information.

You can visit the official wheelfun store on Amazon for more information and support: [wheelfun Store](#)

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