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wheelfun TH22703-AMZUS2-S

Kabolite 1/14 RC Excavator 599 Metal RTR User Manual

Model: TH22703-AMZUS2-S

Introduction Package Contents Safety Information Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides essential instructions for the safe operation, setup, maintenance, and troubleshooting of your Kabolite 1/14 RC Excavator 599 Metal RTR. Please read this manual thoroughly before operating the model to ensure proper function and longevity.



Image 1.1: The Kabolite 1/14 RC Excavator 599 Metal RTR model.

2. Package Contents

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

- 1 x 1/14 RC Excavator Model (Kabolite 599)
- 1 x 2.4G Radio Controller (Remote Control)
- 1 x 7.2V Battery (for Excavator)
- 1 x Charger (for 7.2V Battery)
- 1 x User Manual

Note: The 2.4G Radio Controller requires separate batteries, which are not included.

3. Safety Information

Adhere to the following safety guidelines to prevent injury or damage to the product:

- Operate the RC excavator in open areas, away from people, pets, and obstacles.
- Do not operate near water or in wet conditions to avoid electrical damage.
- Keep fingers, hair, and loose clothing away from moving parts, especially the tracks and excavator arm.
- Ensure the battery is fully charged before operation and disconnect it when not in use.
- Use only the provided charger and battery. Do not attempt to charge non-rechargeable batteries.
- Adult supervision is recommended, especially for younger operators.
- Store the model and remote controller in a cool, dry place.

4. Setup

4.1. Battery Installation

Excavator Battery:

1. Locate the battery compartment on the excavator.
2. Open the compartment cover.
3. Connect the provided 7.2V battery to the excavator's power connector.
4. Carefully place the battery inside the compartment and close the cover securely.

Remote Controller Batteries:

1. Open the battery cover on the back of the 2.4G Radio Controller.
2. Insert the required batteries (not included) according to the polarity indicators (+/-).
3. Close the battery cover.

4.2. Initial Charging

Before first use, fully charge the excavator's 7.2V battery using the provided charger. Refer to the charger's instructions for specific charging times and indicators.

4.3. Pairing the Remote Controller

1. Ensure both the excavator and the remote controller have fresh or fully charged batteries installed.
2. Turn on the excavator's power switch.
3. Turn on the remote controller's power switch.
4. The remote controller and excavator should automatically pair. If not, refer to the remote controller's specific pairing instructions, usually involving holding a button while powering on.

5. Operating Instructions

Familiarize yourself with the remote controller layout and functions before operating the excavator.

5.1. Basic Controls

- **Movement (Forward/Backward, Left/Right):** Use the primary joysticks on the remote controller to drive the excavator. Pushing both joysticks forward moves the excavator forward; pulling both back moves it backward. Moving one joystick forward and the other backward will cause the excavator to turn.
- **Large Arm (Boom) Control:** Controls the main arm's upward and downward movement.
- **Small Arm (Dipper) Control:** Controls the secondary arm's extension and retraction.
- **Excavator Bucket Control:** Controls the opening and closing (scooping and dumping) of the bucket.

- **Turntable Rotation:** Allows the excavator's cabin and arm assembly to rotate 680 degrees for flexible operation.



Image 5.1: Excavator with arm extended, demonstrating range of motion.

5.2. Lights and Sound Functions

The excavator is equipped with realistic lighting and sound effects. Refer to your remote controller's specific buttons for activating and deactivating these features.

6. Maintenance

6.1. Cleaning

- After each use, gently wipe down the excavator with a soft, dry cloth to remove dirt and dust.
- Avoid using water or chemical cleaners, as they can damage electronic components.
- Periodically check the tracks and gears for debris and carefully remove any obstructions.

6.2. Battery Care

- Always disconnect the battery from the excavator when not in use.

- Do not overcharge or completely discharge the battery.
- If storing for an extended period, charge the battery to approximately 50% capacity.
- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.

6.3. Storage

Store the excavator and remote controller in their original packaging or a protective case to prevent damage. Ensure they are stored in a dry environment.

7. Troubleshooting

Problem	Possible Cause	Solution
Excavator does not respond.	Low battery in excavator or remote controller; Not paired; Power switch off.	Charge/replace batteries; Re-pair controller; Ensure power switches are ON.
Limited range or intermittent control.	Interference; Low battery in remote controller; Obstacles.	Move to an open area; Replace remote controller batteries; Reduce distance to excavator.
Arm or bucket not moving correctly.	Obstruction; Mechanical issue; Low excavator battery.	Check for and remove obstructions; Charge excavator battery. If issue persists, contact support.
Lights or sound not working.	Feature not activated; Low battery.	Activate feature via remote; Charge excavator battery.

8. Specifications

Feature	Detail
Model	Kabolite 599 (HUINA-599-RTR-Y)
Scale	1:14
Material	Metal, Plastic
Dimensions (LWH)	520 x 215 x 470 mm (approx.)
Net Weight	10.6 KG
Excavator Battery	7.2V Rechargeable Battery
Remote Controller	2.4G Radio Controller (Batteries not included)
Turntable Rotation	680°
Features	Forward/Backward, Turn Left/Right, Large Arm Up/Down, Small Arm Extend/Retract, Bucket Scoop/Dump, Turntable Rotation, Lights, Sound

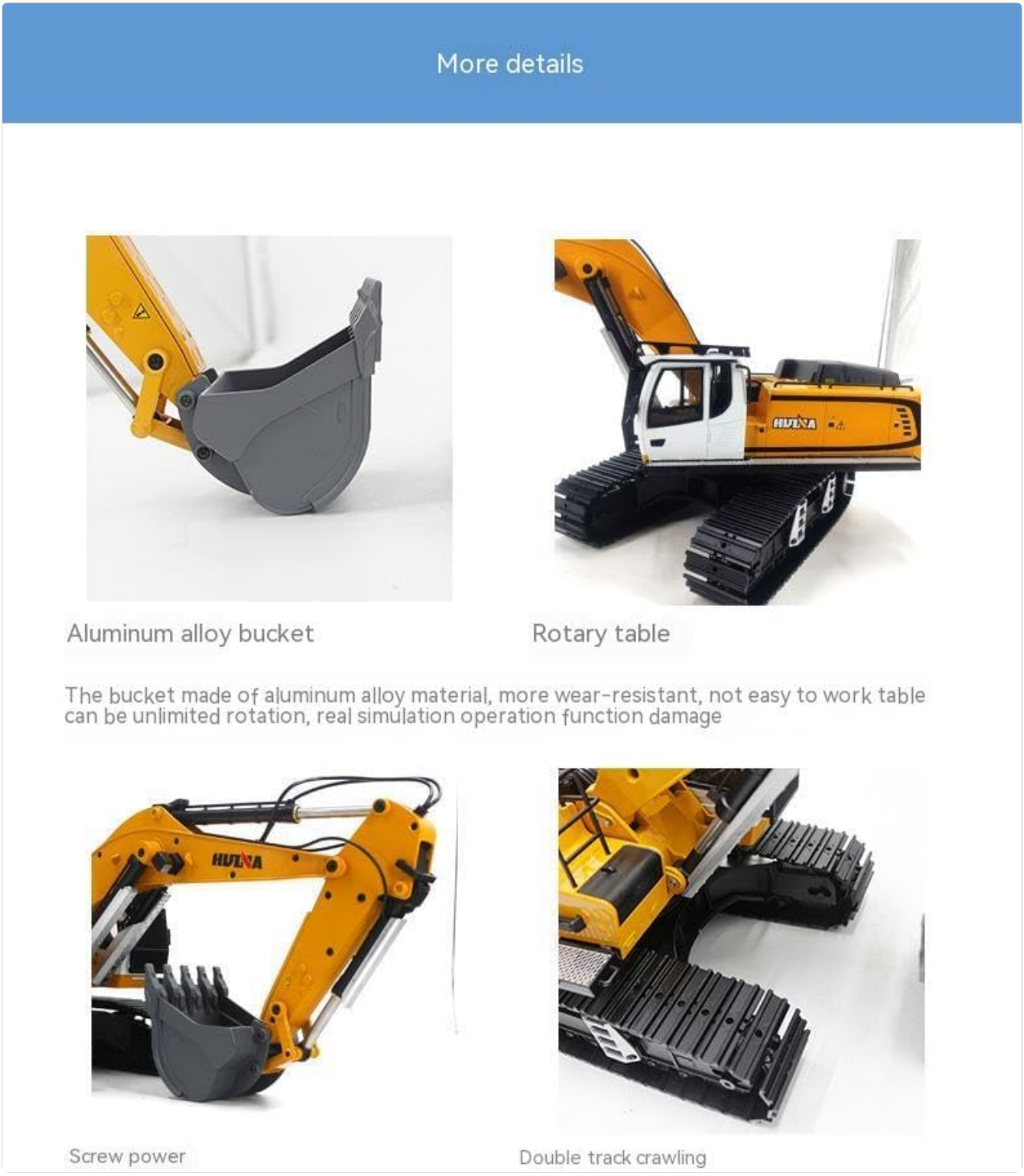

Image 8.1: Detailed components including aluminum alloy bucket, rotary table, screw power, and double track crawling tracks.

9. Warranty and Support

For warranty information or technical support, please contact the seller or manufacturer directly. Retain your proof of purchase for any warranty claims.
Manufacturer: wheelfun
Model Number: TH22703-AMZUS2-S
ASIN: B0CJ4Y8FKH

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