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> wheelfun 1/50 RC Digger PC520 Excavator Instruction Manual

wheelfun TH25702-AMZUS2-S-1

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Model: TH25702-AMZUS2-S-1

INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your wheelfun 1/50 RC Digger PC520 Electric Lifting Radio Control Excavator. Please read this manual thoroughly before use and retain it for future reference. This product is designed for adults aged 14 and above.

WHAT'S INCLUDED

Carefully unpack all components and ensure everything listed below is present.

- 1/50 RC Digger PC520 Excavator Unit
- Remote Control Transmitter
- Rechargeable Battery for Excavator
- USB Charging Cable(s)
- Metal Tracks (pre-installed or separate)
- Plastic Tracks (additional set)
- Original Metal Bucket
- Small Screwdriver (for battery compartment)
- Instruction Manual



Image: The wheelfun 1/50 RC Digger PC520 Excavator shown with its remote control, battery, charging cables, and an additional set of tracks.

SETUP

1. Charging the Excavator Battery

1. Locate the excavator's battery compartment, typically on the top rear section. Use the provided screwdriver to open it if necessary.
2. Connect the excavator's rechargeable battery to the USB charging cable.
3. Plug the USB charging cable into a standard USB power adapter (not included) or a computer USB port.
4. Allow the battery to charge fully. The indicator light on the charging cable will change (e.g., from red to green, or off) when charging is complete.
5. Once charged, disconnect the battery and install it back into the excavator, ensuring a secure connection. Close the battery compartment.



Image: Close-up view of the excavator's battery compartment, showing the connector for the rechargeable battery.

2. Remote Control Battery Installation

The remote control requires batteries (usually AA, check packaging for specifics). Open the battery compartment on the back of the remote, insert the batteries according to polarity markings, and close the compartment securely.

3. Attaching/Changing Tracks (Optional)

Your excavator comes with metal tracks and an additional set of plastic tracks. To change tracks:

1. Carefully remove the existing tracks by gently pulling them off the drive wheels and idlers.
2. Align the new tracks with the drive wheels and idlers, then carefully guide them into place around the chassis. Ensure they are properly seated and tensioned.



Image: The excavator displayed with its remote control and both sets of metal and plastic tracks, illustrating the interchangeable nature of the tracks.

4. Initial Pairing

1. Turn on the excavator using the power switch, usually located on the underside or rear.
2. Turn on the remote control.
3. The remote and excavator should automatically pair. If not, refer to the remote control's specific pairing instructions (often involves moving joysticks or pressing a button).

Your browser does not support the video tag.

Video: An unboxing and initial setup guide for the wheelfun RC Digger PC520 Excavator, demonstrating how to prepare the toy for first use, including battery installation and remote pairing.

OPERATING INSTRUCTIONS

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

Remote Control Functions:

- **Left Joystick:** Controls forward/backward movement and left/right turning of the tracks.
- **Right Joystick:** Controls the electric lifting system for the excavator arm and bucket movements (up/down, scoop/dump).
- **Light Button:** Activates/deactivates the realistic LED lights, including arm spotlights and cab-top warning lights. Multiple modes may be available.
- **Sound Button:** Toggles the simulated sound unit, providing realistic engine and operation sounds.



Image: A detailed view of the excavator's arm, highlighting the functional LED spotlight during operation.

General Operation Tips:

- Operate on flat, clear surfaces initially to get accustomed to the controls.
- The electric lifting system mimics real construction digging motions. Practice smooth, coordinated movements for optimal control.
- Avoid operating in wet conditions or near water to prevent damage to electronic components.
- The excavator features a metal bucket and metal tracks for enhanced durability and realistic performance.

Your browser does not support the video tag.

Video: A demonstration of the RC Digger PC520 Electric Lifting Radio Control Excavator in action, showcasing its digging and movement capabilities on a simulated construction site.

MAINTENANCE

Cleaning:

- After each use, especially if operated in dusty or sandy environments, gently wipe down the excavator with a soft, dry cloth.
- Remove any debris from the tracks and gears to ensure smooth operation. Do not use water or harsh chemicals.

Battery Care:

- The excavator features Smart Battery Protection, safeguarding against overcharge and overcurrent.
- Always fully charge the battery before storage if not used for an extended period.
- Remove batteries from both the excavator and the remote control when storing to prevent leakage.

Storage:

- Store the excavator and remote control in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep the original packaging or a protective case for safe storage and transport.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Excavator does not respond.	Low battery in excavator or remote; not paired; power switch off.	Charge excavator battery; replace remote batteries; ensure both are powered on; re-pair remote.
Weak or inconsistent movement.	Low battery; debris in tracks/gears.	Charge excavator battery; clean tracks and gears.
Lights or sound not working.	Feature not activated; low battery.	Press the respective button on the remote; charge excavator battery.
Arm/bucket movement is slow or unresponsive.	Low battery; mechanism obstruction.	Charge excavator battery; check for any physical obstructions in the arm or bucket joints.

SPECIFICATIONS

- **Brand Name:** wheelfun
- **Model Name:** TH25702-AMZUS2-S-1
- **Scale:** 1/50
- **Toy Vehicle Form:** Excavator
- **Material Type:** Plastic (with metal parts)
- **Item Weight:** 3 Pounds
- **Item Dimensions:** 14.8 x 8.4 x 5.2 inches
- **Batteries:** 1 Nonstandard Battery (included)
- **Age Range Description:** Adult (Recommended for ages 14+)

WARRANTY AND SUPPORT

For any issues, damages, or technical assistance, please contact the seller directly. The manufacturer, wheelfun, provides professional after-sales and technical maintenance support. Technicians can offer guidance via video or text for repairs. If an item is damaged out of the box, a free replacement part can be resent. Please refer to your purchase documentation for specific warranty terms and contact information.

