

Amewi 22747

Amewi Remote Controlled Mini Excavator 1:64 RTR Instruction Manual

Model: 22747

INTRODUCTION

This instruction manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Amewi 1:64 scale remote controlled mini excavator. Please read this manual thoroughly before first use and retain it for future reference.

SAFETY INFORMATION

WARNING: Not suitable for children under 3 years due to small parts. To be used under the direct supervision of an adult.

- Always operate the excavator in a safe environment, away from obstacles, people, and pets.
- Do not operate near water or in wet conditions to prevent electrical damage.
- Ensure the excavator's battery is fully charged before each use for optimal performance.
- Do not attempt to modify or disassemble the excavator or remote control, as this may void the warranty and cause damage.
- Use only the provided charging cable for the excavator's battery.
- Remove batteries from the remote control if the product will not be used for an extended period.

PACKAGE CONTENTS

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

- Amewi 1:64 Mini Excavator
- 2.4 GHz Remote Control
- USB-C Charging Cable
- Instruction Manual



SETUP

1. Charging the Excavator Battery

1. Locate the USB-C charging port on the excavator.
2. Connect the provided USB-C charging cable to the excavator.
3. Plug the other end of the USB-C cable into a standard USB charging power supply (not included), such as a wall adapter or power bank.
4. The charging indicator light (if present) will illuminate during charging and turn off or change color when fully charged.
5. Charging typically takes approximately 60-90 minutes for a full charge, providing up to 20 minutes of operating time.

2. Remote Control Battery Installation

The remote control requires 2x AAA batteries (not included).

1. Locate the battery compartment on the back of the remote control.
2. Open the battery compartment cover.
3. Insert 2x AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.



Image: A detailed view of the Amewi remote control, highlighting its various buttons and control sticks for operating the excavator.

3. Pairing the Remote Control

1. Ensure the excavator is fully charged and turned off.
2. Install fresh batteries in the remote control.
3. Turn on the excavator using its power switch.
4. Turn on the remote control by pressing its power button.
5. The remote control and excavator should automatically pair. A successful connection is usually indicated by a solid light on both devices.
6. If pairing fails, turn both devices off and repeat the process.

OPERATING INSTRUCTIONS

1. Remote Control Functions

Familiarize yourself with the remote control layout:

- **Left Joystick:** Controls forward/backward movement and left/right turning of the excavator tracks.
- **Right Joystick:** Controls the movement of the excavator arm and shovel (up/down, scoop/dump).
- **Power Button ():** Turns the remote control on/off.
- **Speed Buttons (100%, 30%):** Adjusts the excavator's driving speed.
- **Shovel/Arm Excavation Loop Buttons (↑, ↓):** Initiates an automatic excavation loop for the arm and shovel.

2. Driving the Excavator

1. **Forward/Backward:** Push the left joystick forward to move the excavator forward, pull it backward to move backward.
2. **Turning:** Push the left joystick left or right to turn the excavator. For spot turns, push one side forward and the other backward.

3. Excavator Arm and Shovel Control

1. **Arm Up/Down:** Move the right joystick up or down to raise or lower the main excavator arm.
2. **Shovel Scoop/Dump:** Move the right joystick left or right to control the shovel's scooping and dumping action.
3. **Automatic Excavation:** Press the ↑ or ↓ buttons to initiate a pre-programmed excavation sequence.

4. Speed Settings

The excavator offers two speed settings for different operating needs:

- **100% Speed:** For faster driving and covering larger distances.
- **30% Speed:** For precise maneuvering in tight spaces or for delicate operations. Select this speed for better control when performing detailed tasks.



Image: The Amewi Mini Excavator, showcasing its detailed design and robust metal construction.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe down the excavator and remote control after each use. Avoid using water or chemical cleaners.
- **Storage:** Store the excavator and remote control in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** Fully charge the excavator's battery before storing for extended periods. Remove batteries from the remote control if not used for a long time.
- **Inspection:** Periodically check for any loose parts, damaged cables, or worn components. Do not operate if damage is present.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Excavator does not respond to remote control.	Low battery in excavator or remote control; Not paired; Interference.	Charge excavator battery; Replace remote control batteries; Re-pair devices; Move to an area with less interference.
Short operating time.	Battery not fully charged; Old battery.	Ensure battery is fully charged before use; Consider replacing the battery if it's old and capacity has diminished.
Excavator moves slowly or erratically.	Low battery; Obstruction in tracks.	Charge excavator battery; Check tracks for debris and clear any obstructions.
Arm/shovel not moving correctly.	Obstruction; Mechanical issue.	Check for any physical obstructions; If problem persists, contact support.

SPECIFICATIONS

Feature	Detail
Model Number	22747
Scale	1:64
Material	Metal (body and trough)
Control System	2.4 GHz, 8 Channel
Excavator Battery	Integrated Lithium-Ion Polymer, USB-C rechargeable
Operating Time	Up to 20 minutes
Charging Time	Approx. 60-90 minutes
Remote Control Batteries	2x AAA (not included)
Speed Settings	30%, 100%
Recommended Age	6 years and up
Product Dimensions	10.8 x 3.6 x 6.2 cm
Product Weight	60 g

WARRANTY AND SUPPORT

Amewi products are designed for durability and performance. For warranty information, technical support, or replacement parts, please visit the official Amewi website or contact your retailer. For further assistance, please refer to the contact information provided on the product packaging or the official Amewi website: www.amewi.com

