

Amewi 22344

Amewi 22344 1:14 Scale RC Electric Functional Excavator Instruction Manual

Model: 22344 | Brand: Amewi



Image: The Amewi 22344 1:14 Scale RC Electric Functional Excavator, a full-metal remote-controlled model.

INTRODUCTION

Thank you for purchasing the Amewi 22344 1:14 Scale RC Electric Functional Excavator. This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your model. Please read this manual thoroughly before operating the excavator to ensure proper function and longevity.

This 1:14 scale full-metal excavator offers extensive functionality. The arm, bucket, entire structure, and individual tracks are separately controllable. The model features a sound and smoke generator. The turret rotates 360 degrees infinitely. With 23 controllable channels, the model replicates the original. Its off-road capability and splash-proof electronics ensure durability. The excavator includes a metal wood grapple and a hammer drill, allowing for quick accessory changes. All transmission parts are metal, and powerful servo motors handle heavy loads.

SAFETY WARNINGS

- **Small Parts:** This product contains small parts which may be swallowed. Keep out of reach of small children.
- **Age Recommendation:** Recommended for ages 14 and up. Adult supervision is advised for younger users.
- **Battery Safety:** Use only the specified Lithium-ion battery. Do not short-circuit, disassemble, or expose batteries to extreme temperatures or fire. Always charge batteries under supervision.
- **Operating Environment:** Operate the model in open areas, away from people, pets, and obstacles. Avoid operating near water unless specifically designed for it (this model has splash-proof electronics, but full submersion is not advised).
- **Moving Parts:** Keep fingers, hair, and loose clothing away from moving parts such as tracks, arm, and bucket to prevent injury.
- **Smoke Generator:** Use only the provided smoke oil. Do not ingest or inhale the smoke directly. Ensure adequate ventilation when using the smoke function indoors.

PACKAGE CONTENTS

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

- 1x Amewi 22344 RC Excavator (1:14 Scale)
- 1x Remote Control Transmitter
- 1x Lithium-ion Battery (for excavator)
- 1x USB Charging Cable
- 1x Metal Wood Grapple Attachment
- 1x Metal Hammer Drill Attachment
- 1x Smoke Oil Bottle
- 1x Instruction Manual (this document)



Image: Overview of the Amewi 22344 RC Excavator, remote control, battery, USB charging cable, smoke oil, and interchangeable attachments (grapple and hammer drill).

SETUP

1. Charging the Excavator Battery

1. Connect the Lithium-ion battery to the USB charging cable.
2. Plug the USB charging cable into a suitable USB power source (e.g., computer USB port, USB wall adapter).
3. The charging indicator on the cable will show the charging status (e.g., red for charging, green for fully charged).
4. Charging typically takes 3-4 hours. Do not overcharge the battery.
5. Once fully charged, disconnect the battery from the charger.

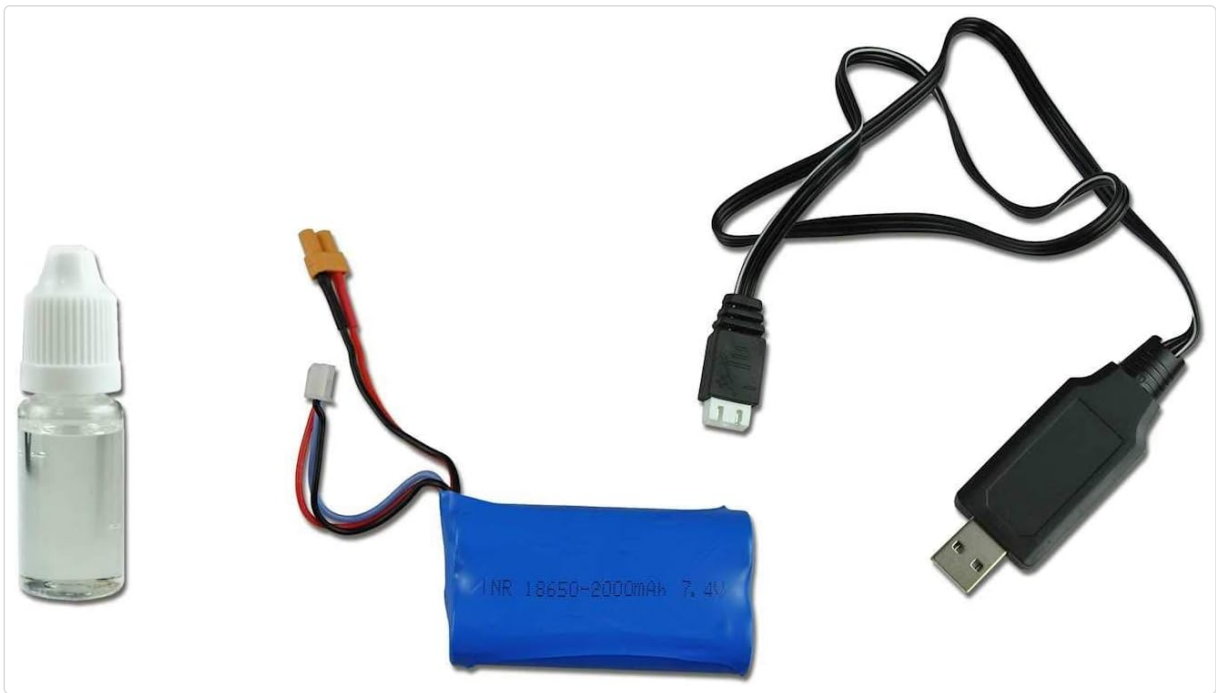


Image: The Lithium-ion battery, USB charging cable, and a bottle of smoke oil, essential for excavator operation.

2. Installing Batteries in the Remote Control

1. Locate the battery compartment on the back of the remote control.
2. Open the battery compartment cover.
3. Insert the required batteries (not included, typically AA batteries) according to the polarity markings.
4. Close the battery compartment cover securely.



Image: Close-up view of the Amewi 22344 RC Excavator's remote control, showing joysticks and display for operation.

3. Installing the Excavator Battery

1. Locate the battery compartment on the excavator (usually under a hatch on the main body).
2. Open the battery compartment.
3. Connect the charged Lithium-ion battery to the excavator's power connector, ensuring correct polarity.
4. Carefully place the battery inside the compartment and close the cover.

4. Pairing the Remote Control

1. Turn on the excavator using its power switch.
2. Turn on the remote control.
3. The remote control and excavator should automatically pair. A confirmation sound or light indicator may signal successful pairing.
4. If pairing fails, turn off both devices and repeat the process.

OPERATING INSTRUCTIONS

The Amewi 22344 excavator features 23 controllable channels, allowing for realistic operation. Familiarize yourself with the remote control layout before operating.

Basic Controls

- **Forward/Backward:** Use the left joystick (or designated control) to move the excavator forward or backward.
- **Turning:** Use the left joystick (or designated control) to turn the excavator left or right. Individual track control may be available for more precise turns.
- **Arm Movement:** Use the right joystick (or designated controls) to raise and lower the main arm.
- **Forearm Movement:** Use dedicated buttons/levers to extend and retract the forearm.
- **Bucket Operation:** Use dedicated buttons/levers to open and close the bucket.
- **Turret Rotation:** Use dedicated buttons/levers to rotate the excavator's turret 360 degrees clockwise or counter-clockwise.



Image: The Amewi 22344 RC Excavator shown with its main arm and bucket extended, demonstrating its operational range and movement capabilities.

Special Features

- **Sound Generator:** Activate the realistic engine sounds and operational noises using the designated button on the remote control.
- **Smoke Generator:** Fill the smoke oil reservoir (located on the excavator's body) with the provided smoke oil. Activate the smoke function using the designated button on the remote control. Ensure the reservoir is not overfilled.



Image: A top-down view of the Amewi 22344 RC Excavator, highlighting the main body, cabin, and potential location for the smoke generator reservoir.

Attaching Accessories (Grapple and Hammer Drill)

1. Ensure the excavator is powered off before changing attachments.
2. Carefully detach the standard bucket from the arm.
3. Align the metal wood grapple or hammer drill attachment with the arm's connection points.
4. Securely fasten the attachment. Refer to the diagrams for specific connection methods.

5. Once attached, power on the excavator and test the new attachment's functionality.



Image: A close-up view of the excavator's bucket and arm mechanism, illustrating the attachment point for interchangeable tools.

MAINTENANCE

- **Cleaning:** After each use, gently clean the excavator with a soft, dry cloth. Remove any dirt or debris from the tracks, arm, and body. Avoid using water or harsh chemicals directly on electronic components.
- **Battery Care:** Store batteries in a cool, dry place. Do not leave batteries fully charged or fully discharged for extended periods. For long-term storage, charge batteries to approximately 50% capacity.
- **Lubrication:** Periodically check moving metal parts for smooth operation. Apply a small amount of silicone grease or light machine oil to pivot points if necessary, avoiding electronic components.
- **Smoke Generator:** If the smoke generator is not used for an extended period, empty the smoke oil reservoir to prevent clogging. Clean the nozzle if smoke output decreases.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Excavator does not respond to remote control.	<ul style="list-style-type: none">• Excavator or remote control is off.• Low battery in excavator or remote control.• Not paired correctly.• Out of range.	<ul style="list-style-type: none">• Ensure both devices are powered on.• Charge excavator battery; replace remote control batteries.• Turn off both, then turn on excavator first, then remote to re-pair.• Bring the excavator closer to the remote control.
Weak movement or slow response.	Low battery in excavator.	Recharge the excavator battery.
Smoke generator not producing smoke.	<ul style="list-style-type: none">• No smoke oil or low level.• Clogged nozzle.• Smoke function not activated.	<ul style="list-style-type: none">• Refill smoke oil reservoir.• Clean the smoke nozzle carefully.• Ensure the smoke button on the remote is pressed.
Arm or bucket not moving correctly.	<ul style="list-style-type: none">• Obstruction.• Attachment not properly secured.	<ul style="list-style-type: none">• Check for any debris or objects blocking movement.• Re-attach the bucket or accessory securely.

SPECIFICATIONS

Feature	Detail
Model Number	22344
Brand	Amewi
Scale	1:14
Dimensions (L x W x H)	70 x 48 x 18 cm
Weight	10 Kilograms
Material	Metal
Color	Black
Power Source	Battery Powered
Battery Type	Lithium-ion (1 required for excavator)
Special Features	Separate part control, Sound and Smoke generator
Recommended Age	14 - 99 years
Number of Players	1

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Amewi website. Keep your proof of purchase for any warranty claims.

Spare parts availability information is currently unavailable. Please contact Amewi customer service for further assistance.