

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Amewi](#) /
- › [Amewi Extreme PRO 4WD Brushless 1:12 Jeep \(Model 22244\) User Manual](#)

Amewi 22244

Amewi Extreme PRO 4WD Brushless 1:12 Jeep (Model 22244) User Manual

Comprehensive instructions for setup, operation, and maintenance.

[Safety Information](#) [What's in the Box](#) [Setup](#) [Operating Instructions](#) [Maintenance](#)
[Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. SAFETY INFORMATION

Read all instructions carefully before operating the Amewi Extreme PRO 4WD Brushless 1:12 Jeep. Failure to follow these safety guidelines may result in injury or damage to the product or property.

- **Age Recommendation:** This product is recommended for users 14 years and older. Adult supervision is advised for younger users.
- **Battery Safety:** Use only the specified LiPo battery (7.4 V, 1500 mAh) and charger. Do not overcharge or short-circuit batteries. Always charge batteries on a non-flammable surface and never leave charging batteries unattended.
- **Operating Environment:** Operate the vehicle in open areas, away from people, pets, vehicles, and water. Avoid operating in wet conditions as the product is weather-resistant but not fully waterproof.
- **Moving Parts:** Keep fingers, hair, and loose clothing away from moving parts such as wheels, gears, and drive shafts to prevent injury.
- **Radio Interference:** Ensure no other radio control devices are operating on the same frequency (2.4 GHz) to prevent loss of control.
- **Maintenance:** Perform regular checks and maintenance as described in this manual to ensure safe operation.

2. WHAT'S IN THE BOX

The Amewi Extreme PRO 4WD Brushless 1:12 Jeep package includes the following components:

- Desert Eagle-2 Dune Buggy RC Car (Amewi Extreme PRO 4WD Brushless 1:12 Jeep)
- 2.4 GHz Wireless Remote Control
- 220 V Charger
- Assembly Wrench

- Spare Pinion Gear
- 7.4 V, 1500 mAh LiPo Battery
- Illustrated Instructions (this manual)



Figure 1: Contents of the Amewi Extreme PRO 4WD Brushless 1:12 Jeep package. Includes the RC car, remote control, battery, charger, and tools.

3. SETUP

3.1 Charging the Battery

1. Connect the 220 V charger to a power outlet.
2. Connect the 7.4 V, 1500 mAh LiPo battery to the charger. Ensure correct polarity.
3. Allow the battery to charge fully. The charger's indicator light will change (e.g., from red to green) when charging is complete. Refer to the charger's specific instructions for details.

4. **Important:** Do not leave the battery unattended while charging. Disconnect the battery from the charger once fully charged.

3.2 Installing the Battery in the Vehicle

1. Locate the battery compartment on the Amewi Extreme PRO Jeep. This is typically on the underside or accessible by removing the body shell.
2. Carefully insert the charged LiPo battery into the compartment.
3. Connect the battery connector to the vehicle's power connector. Ensure a secure connection.
4. Close the battery compartment securely.

3.3 Installing Batteries in the Remote Control

The remote control requires 4x AA batteries (not included).

1. Open the battery cover on the back of the remote control.
2. Insert 4x AA batteries, observing the correct polarity (+/-).
3. Close the battery cover.

4. OPERATING INSTRUCTIONS

4.1 Powering On

1. Turn on the remote control first. The indicator light should illuminate.
2. Turn on the power switch on the Amewi Extreme PRO Jeep. The vehicle's indicator light should illuminate.
3. The remote control and vehicle will automatically pair. Wait for the indicator lights to stabilize, indicating a successful connection.

4.2 Basic Controls

- **Steering Wheel (Remote Control):** Turn left or right to control the vehicle's direction.
- **Trigger (Remote Control):** Pull the trigger to accelerate forward. Push the trigger forward to brake or reverse.
- **Trim Adjustments:** Use the steering trim dial on the remote control to adjust the steering if the vehicle does not drive straight when the steering wheel is centered.



Figure 2: Illustration of the 2.4 GHz remote control with steering wheel and trigger. Note the steering trim dial for fine adjustments.

4.3 Driving Tips

- Start slowly to get accustomed to the controls.
- Avoid sudden stops or turns at high speeds to prevent rollovers.
- Operate on flat, open surfaces initially before attempting more challenging terrain.
- Monitor battery life. Performance will decrease as the battery drains.

4.4 Powering Off

1. Turn off the power switch on the Amewi Extreme PRO Jeep first.
2. Turn off the remote control.
3. Disconnect and remove the LiPo battery from the vehicle for storage.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Amewi Extreme PRO Jeep.

- **Cleaning:** After each use, especially in dusty or dirty conditions, clean the vehicle. Use a soft brush or compressed air to remove dirt and debris from the chassis, wheels, and suspension components. Avoid using water directly on electronic parts.
- **Inspecting Moving Parts:** Regularly check all moving parts (wheels, axles, gears, suspension links) for wear, damage, or obstructions. Ensure all screws are tight.
- **Lubrication:** Apply a small amount of RC-specific lubricant to moving metal parts, such as universal joints and gear teeth, as needed.
- **Battery Storage:** Store LiPo batteries in a cool, dry place, away from direct sunlight and extreme temperatures. Do not store fully charged or fully discharged for extended periods. Aim for a storage charge of approximately 3.8V per cell.
- **Tire Care:** Check tires for punctures or excessive wear. Ensure they are securely mounted.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond to remote control.	<ul style="list-style-type: none">◦ Vehicle or remote control not powered on.◦ Batteries are low or depleted.◦ Not paired correctly.◦ Out of range.	<ul style="list-style-type: none">◦ Ensure both are switched on.◦ Replace/recharge batteries.◦ Turn off both, then turn on remote first, then vehicle.◦ Bring vehicle closer to remote.
Vehicle drives crooked.	<ul style="list-style-type: none">◦ Steering trim needs adjustment.◦ Damaged steering components.	<ul style="list-style-type: none">◦ Adjust steering trim dial on remote control.◦ Inspect steering linkages and servo for damage.
Vehicle loses power or stops suddenly.	<ul style="list-style-type: none">◦ Low vehicle battery.◦ Overheating motor/ESC.	<ul style="list-style-type: none">◦ Recharge vehicle battery.◦ Allow vehicle to cool down for 15-20 minutes. Avoid continuous high-speed operation.

7. SPECIFICATIONS

Feature	Detail
Model Number	22244
Brand	Amewi
Scale	1:12
Drive System	4WD (Four-Wheel Drive)
Motor Type	Brushless, 4500 KV
Radio Frequency	2.4 GHz

Feature	Detail
Battery (Vehicle)	7.4 V, 1500 mAh LiPo
Dimensions (L x W x H)	55 x 26 x 22 cm
Weight	1.2 kg
Material	Plastic, Fiberglass chassis
Age Recommendation	14 years and up
Special Feature	Weather-resistant, Slipper clutch, Rigid rear axle

8. WARRANTY & SUPPORT

8.1 Warranty Information

Amewi products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. The warranty period typically begins from the date of purchase.

- **Coverage:** The warranty covers manufacturing defects. It does not cover damage caused by misuse, accidents, unauthorized modifications, improper maintenance, or normal wear and tear.
- **Proof of Purchase:** Retain your original purchase receipt as proof of purchase is required for all warranty claims.
- **Returns:** For returns or warranty claims, please refer to the retailer's return policy (e.g., Amazon.es offers a 30-day refund/replacement policy).

8.2 Customer Support

For technical assistance, spare parts, or further inquiries, please contact Amewi customer support or your authorized dealer.

- **Manufacturer Website:** Visit the official Amewi website for the latest support information and contact details.
- **Dealer Support:** Contact the seller (e.g., Bernis RC Toy Modellbau Shop) through the platform where the product was purchased for direct assistance.
- **Model Number:** When contacting support, please provide the model number (**22244**) and a detailed description of the issue.

