

## Amewi AMXRock Caballo 22670

# Amewi AMXRock Caballo 22670 RC Crawler Instruction Manual

1:10 Scale 4WD Electric Crawler

## 1. INTRODUCTION AND SAFETY INFORMATION

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Thank you for purchasing the Amewi AMXRock Caballo 22670 RC Crawler. This manual provides essential information for the safe operation, setup, and maintenance of your new remote-controlled vehicle. Please read this manual thoroughly before operating the product to ensure proper function and to prevent damage or injury.

### 1.1 General Safety Guidelines

- Always operate the vehicle in open areas away from people, pets, and obstacles.
- Do not operate near public roads, power lines, or water bodies.
- Keep hands, hair, and loose clothing away from moving parts.
- This product is not a toy. It is intended for users aged 14 years and older.
- Never disassemble or modify the vehicle or remote control.
- Ensure all batteries are charged correctly and safely.
- Store the vehicle and remote control in a dry, cool place when not in use.

## 2. PACKAGE CONTENTS

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Carefully unpack all items and check against the list below. If any components are missing or damaged, please contact your retailer or Amewi support.

- Amewi AMXRock Caballo 22670 RC Crawler
- 2.4GHz Remote Control
- Rechargeable Vehicle Battery
- Battery Charger
- Instruction Manual (this document)

Note: Batteries for the remote control are typically not included and must be purchased separately (e.g., AA batteries).

## 3. SETUP

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### **3.1 Charging the Vehicle Battery**

Before first use, fully charge the included vehicle battery using the provided charger. Refer to the charger's specific instructions for charging times and indicators. Always supervise charging and disconnect the battery once fully charged.

### **3.2 Installing Remote Control Batteries**

Open the battery compartment on the back of the remote control. Insert the required batteries (e.g., 4x AA batteries, not included) ensuring correct polarity. Close the compartment securely.



Image: The 2.4GHz remote control for the Amewi AMXRock Caballo 22670, showing its ergonomic design and control layout.

### 3.3 Installing the Vehicle Battery

Locate the battery compartment on the vehicle, typically under the body shell. Securely connect the charged vehicle battery to the vehicle's power connector. Ensure the battery is properly seated and secured to prevent movement during operation. Reattach the body shell if removed.



Image: Side view of the Amewi AMXRock Caballo 22670 RC Crawler, highlighting its robust chassis and large off-road tires.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering On/Off

1. Turn on the remote control first. The indicator light should illuminate.
2. Turn on the vehicle's power switch. The vehicle's lights or indicator should illuminate.
3. The remote control and vehicle should automatically pair. If not, refer to the troubleshooting section.
4. To power off, turn off the vehicle first, then the remote control.

### 4.2 Driving Controls

- **Throttle Trigger:** Pull the trigger to move forward, push it away to brake or reverse.
- **Steering Wheel:** Turn the wheel left or right to steer the vehicle.

### 4.3 2-Speed Transmission

The AMXRock Caballo features a 2-speed transmission, controllable directly from the transmitter. This allows you to switch between a high-speed gear for open terrain and a low-speed gear for maximum torque and control during technical crawling. Consult your remote control's specific button layout for the gear shift function.

### 4.4 Individual Differential Locks

The vehicle is equipped with individual differential locks, which can be engaged or disengaged from the transmitter. Locking the differentials provides increased traction and climbing ability, especially on very difficult or uneven terrain. Unlock them for better turning radius and less stress on the drivetrain on smoother surfaces. Refer to your remote control's specific button layout for differential lock controls.

### 4.5 Functional Winch

A functional winch is installed under the model body. This can be controlled from the transmitter to assist in recovery situations, such as pulling the vehicle out of mud or over obstacles. Ensure the winch cable is properly spooled and free of tangles before use. Consult your remote control's specific button layout for winch operation.



Image: Front view of the Amewi AMXRock Caballo 22670, showcasing the front bumper, LED headlights, and the integrated winch.

#### **4.6 LED Lighting System**

The vehicle features a comprehensive LED lighting system, including front/rear lights, turn signals in rearview mirrors, brake lights, reversing lights, and roof lights. These functions are controllable via the transmitter, enhancing realism and visibility during operation. Refer to your remote control's specific button layout for lighting controls.



Image: Rear three-quarter view of the Amewi AMXRock Caballo 22670, showing the detailed rear lights, spare tire, and roof rack.

## 5. MAINTENANCE

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### 5.1 Cleaning

- After each use, especially in dirty or wet conditions, clean the vehicle.
- Use a soft brush or compressed air to remove dirt and debris from the chassis, suspension, and drivetrain.
- Wipe the body with a damp cloth. Do not use harsh chemicals.

### 5.2 Inspection

- Regularly check all screws and fasteners for tightness.
- Inspect tires for wear and ensure they are securely mounted.
- Check suspension components for damage or excessive play.
- Ensure all electrical connections are secure and free from corrosion.

### 5.3 Lubrication

Periodically lubricate moving parts, especially the gantry axles with metal gears and CVD drive shafts, to ensure smooth operation and reduce wear. Use RC-specific lubricants as recommended by Amewi or your retailer.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Vehicle does not respond	Low vehicle battery Low remote control batteries Not paired correctly Power switches off	Charge vehicle battery Replace remote control batteries Turn off both, then turn on remote first, then vehicle Ensure both power switches are ON
Poor range or interference	Other 2.4GHz devices nearby Obstacles blocking signal	Move to a different location Ensure clear line of sight to vehicle
Vehicle pulls to one side	Steering trim not adjusted Damaged steering components	Adjust steering trim on remote control Inspect steering linkage for damage
Winch not operating	Winch power off Cable tangled	Ensure winch function is activated on remote Untangle cable, ensure free movement

## 7. SPECIFICATIONS

Feature	Detail
Brand	Amewi
Model Name	AMXRock Caballo
Model Number	22670
Scale	1:14 Scale
Drive System	4WD (Four-Wheel Drive)
Motor Type	Brushed Electric
Transmission	2-Speed (Controllable via Transmitter)
Axles	Gantry axles with greased metal gears and CVD drive shafts
Differential Locks	Individual, controllable via Transmitter
Special Features	Functional Winch, Front/Rear LED Lighting with Turn Signals, Brake Lights, Reversing Lights, Roof Lights
Remote Control	2.4GHz Operation
Material Type	Plastic
Color	Metallic Black
Item Weight	3813 Grams
Dimensions (L x W x H)	568mm x 250mm x 255mm (22.36 x 9.84 x 10.04 inches)

<b>Feature</b>	<b>Detail</b>
Assembly Required	Yes
Recommended Age	14 years and up

## **8. WARRANTY AND SUPPORT**

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Amewi products are manufactured to high-quality standards. For warranty information, please refer to the documentation provided with your purchase or contact your retailer. If you encounter any issues or require technical assistance, please contact Amewi customer support through their official website or your point of purchase. Please have your model number (22670) and proof of purchase ready when contacting support.