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Amewi 22575

Amewi 22575 CoolIRC DIY Race Buggy 2WD 1:18 Kit

INSTRUCTION MANUAL

1. Important Safety Information

Please read this manual thoroughly before assembling and operating the Amewi 22575 CoolIRC DIY Race Buggy. Retain this manual for future reference.

- **Age Recommendation:** This product is suitable for users aged 8 years and up.
- **Small Parts Warning:** This kit contains small parts and is not suitable for children under 3 years due to choking hazards.
- **Battery Safety:** Always use the correct type of batteries. Do not mix old and new batteries, or different types of batteries. Insert batteries with correct polarity. Remove batteries when not in use for extended periods.
- **Supervision:** Adult supervision is recommended during assembly and operation, especially for younger users.
- **Operating Environment:** Operate the buggy in open areas, away from people, pets, and obstacles. Avoid operating near water or in wet conditions.

2. Package Contents

Verify that all components listed below are present in your kit:

- 51 Piece Construction Kit
- 2.4 GHz Pistol Remote Control
- Sticker Set
- Assembly Instructions (DE/EN)



Image 2.1: All components included in the Amewi 22575 CoolRC DIY Race Buggy kit.

3. Assembly Instructions

The Amewi 22575 CoolRC DIY Race Buggy is designed for tool-free assembly using an intelligent plug-in system. The 51-piece model can typically be assembled within 30 minutes without the need for glue.

1. **Unpack Components:** Carefully remove all parts from their packaging. Organize them to ensure easy access during assembly.
2. **Chassis Assembly:** Begin by connecting the main chassis components. The parts are made from solid ABS plastic and are designed to snap together securely.
3. **Motor and Drive Train:** Install the brushed motor and connect the drive train components. Ensure all gears are properly aligned for smooth operation.
4. **Suspension System:** Attach the spring-loaded chassis components to the main frame. This provides the necessary shock absorption for various terrains.
5. **Wheel Installation:** Mount the high-grip rubber tires onto the axles. Ensure they are firmly attached.
6. **Body Shell:** Assemble the body shell from the ABS plastic parts.
7. **Apply Stickers:** Use the provided UV-resistant sticker set to customize the look of your buggy. Apply them carefully according to your preference.



Image 3.1: Overview of the Amewi 22575 CoolRC DIY Race Buggy kit components before assembly.

4. Setup

Before operating your Amewi CoolRC Race Buggy, follow these steps for initial setup:

1. **Install Buggy Batteries:** The buggy requires 3 x 1.5V AA batteries. Open the battery compartment on the underside of the buggy, insert the batteries observing the correct polarity (+/-), and close the compartment securely.
2. **Install Remote Control Batteries:** The 2.4 GHz pistol remote control requires 2 x 1.5V AA batteries. Open the battery compartment on the remote control, insert the batteries observing the correct polarity (+/-), and close the compartment securely.
3. **Power On:** Turn on the remote control first, then turn on the power switch on the buggy. The remote control and buggy should automatically pair. If they do not pair, turn both off and repeat the process.



Image 4.1: The 2.4 GHz pistol remote control.

5. Operating Instructions

Your Amewi CoolRC Race Buggy is designed for both indoor and outdoor use, reaching a maximum speed of approximately 8 km/h.

- **Steering:** Use the steering wheel on the remote control to turn the buggy left or right.
- **Throttle:** Use the trigger on the remote control to control forward and reverse movement. Pull the trigger to move forward, push it to brake or reverse.
- **Terrain:** The buggy features a spring-loaded chassis and high-grip rubber tires, making it suitable for various terrains. Avoid excessively rough or wet surfaces to prevent damage.
- **Range:** The 2.4 GHz system provides a reliable connection. Maintain a clear line of sight between the remote control and the buggy for optimal performance.



Image 5.1: Assembled Amewi CoolRC Race Buggy with its remote control.

6. Maintenance

Regular maintenance will help prolong the life and performance of your Amewi CoolRC Race Buggy:

- **Cleaning:** After each use, especially outdoors, gently clean the buggy to remove dirt, dust, and debris. Use a soft, dry cloth. Avoid using water or harsh chemicals.
- **Battery Storage:** Remove batteries from both the buggy and the remote control if they will not be used for an extended period. Store batteries in a cool, dry place.
- **Inspection:** Periodically inspect all parts for wear or damage. Check for loose screws or connections. Replace any damaged parts as necessary.
- **Lubrication:** Lightly lubricate moving parts such as gears and axles with appropriate RC lubricant if needed.

7. Troubleshooting

If you encounter issues with your Amewi CoolRC Race Buggy, refer to the following common problems and solutions:

- **Buggy does not respond:**
 - Ensure both the buggy and remote control are powered on.

- Check if batteries are correctly installed and have sufficient charge in both the buggy and remote control.
 - Turn off both devices, then turn on the remote control first, followed by the buggy, to re-establish pairing.
- **Poor range or intermittent control:**
 - Ensure there are no strong interference sources nearby (e.g., other 2.4 GHz devices, large metal objects).
 - Operate the buggy within the recommended range and maintain a clear line of sight.
 - Replace batteries in both devices if they are low.
- **Buggy moves slowly or not at all:**
 - Check battery levels in the buggy and replace if necessary.
 - Inspect for any obstructions in the wheels or drive train.
 - Ensure all connections are secure.

8. Specifications

Feature	Specification
Model Number	22575
Scale	1:18
Length	Approx. 250 mm (9.84 inches)
Width	Approx. 135 mm (5.31 inches)
Height	Approx. 75 mm (2.95 inches)
Weight	Approx. 300 g (10.6 ounces)
Main Material	ABS Plastic
Motor Type	Brushed
Remote Control	2.4 GHz Pistol Type
Maximum Speed	8 km/h
Number of Pieces	51
Assembly Time	Approx. 30 minutes
Buggy Battery Requirement	3 x 1.5V AA batteries (not included)
Remote Control Battery Requirement	2 x 1.5V AA batteries (not included)
Recommended Age	8 years and up

9. Support

For technical support, spare parts, or further assistance, please contact Amewi customer service. Refer to the contact information provided with your product packaging or visit the official Amewi website.

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