

Manuals+

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

manuals.plus /

› [EAZYRC](#) /

› [EAZYRC FMS Rochobby 1/18 Atlas RC Crawler Instruction Manual](#)

EAZYRC 1/18 Atlas

EAZYRC FMS Rochobby 1/18 Atlas RC Crawler Instruction Manual

Model: 1/18 Atlas

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your EAZYRC FMS Rochobby 1/18 Atlas RC Crawler. Please read this manual thoroughly before operating the vehicle to ensure proper usage and to maximize its lifespan.

The EAZYRC FMS Rochobby 1/18 Atlas is a high-performance remote-controlled crawler designed for various terrains. It features a robust 4x4 drivetrain, advanced lighting, a 2.4GHz radio system for reliable control, durable ball bearings, full metal gears, and a 4-link suspension system for superior climbing and driving capabilities. The rapid separation car body allows for quick access and battery changes.

Compare the difference between 1/18 atlas V1&V2 Version

		
Version	FMS 1/18 Atlas V2	FMS 1/18 Atlas V1
Body material	PC plastic-Glossy PC with Clear windows	PC plastic-Matte
Torque gearbox	100T torque motor	55T torque motor
Motor	130 brush motor	50 brush motor
Gearbox	Metal	Plastic
Battery	600mah	600mah
Remote control and receiver	G3 Transmitter +R3A Receiver (2 in 1)	CR24 Transmitter +RX46 Receiver

Image: Two EAZYRC FMS Rochobby 1/18 Atlas RC Crawlers navigating rocky terrain, showcasing their robust design and off-road capability.

2. WHAT'S IN THE BOX

Upon unpacking, please verify that all components listed below are present and in good condition:

- EAZYRC FMS Rochobby 1/18 Atlas RC Crawler (assembled)
- 2.4GHz Remote Control Transmitter
- Lithium Polymer Battery (pre-installed or separate)
- USB Charging Cable
- Instruction Manual (this document)

3. SETUP GUIDE

3.1 Battery Installation and Charging

The RC Crawler requires one Lithium Polymer battery, which is included. Ensure the battery is fully charged before first use.

1. **Accessing the Battery Compartment:** The 1/18 Atlas features a rapid separation car body. Gently lift and detach the body shell to access the internal components, including the battery compartment.



Image: The rapid separation car body is shown lifted, providing easy access to the battery and other internal electronics for quick changes or maintenance.

2. **Connecting the Battery:** Connect the included Lithium Polymer battery to the vehicle's ESC (Electronic Speed Controller) connector. Ensure the polarity is correct.
3. **Charging the Battery:** Use the provided USB charging cable. Connect the battery to the charging cable, and then plug the USB end into a suitable USB power source (e.g., computer USB port, USB wall adapter). The charging indicator will show the charging status (refer to charger instructions for specific light patterns).
4. **Reattaching the Body:** Once the battery is installed and charged, carefully reattach the car body, ensuring it is securely fastened.

3.2 Remote Control Setup

The remote control operates on a 2.4GHz frequency, providing stable and responsive control.

1. **Install Batteries:** Insert the required batteries (typically AA, not included) into the remote control transmitter, observing correct polarity.
2. **Power On:** Turn on the remote control transmitter first, then turn on the RC Crawler. The vehicle and transmitter should automatically bind. If not, refer to the binding procedure in the remote control's specific manual.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls before operating the vehicle in challenging environments.

4.1 Basic Controls

- **Throttle Trigger:** Pull the trigger to move forward, push to brake or reverse.
- **Steering Wheel:** Turn the wheel left or right to steer the vehicle. The new servo steering system provides a wider turning radius for improved maneuverability.



Image: A diagram illustrating the improved turning radius provided by the new servo steering system, enhancing the crawler's agility.

4.2 Driving Tips

- The 35T 550 motor provides strong power, allowing the crawler to reach speeds of up to 5km/h on flat surfaces.
- The full metal gears and 4-link suspension system contribute to strong climbing and driving ability, making it suitable for various terrains.
- The vehicle is equipped with all-terrain tires for optimal grip and performance on diverse surfaces.
- Avoid operating in deep water or extreme mud to prevent damage to electronic components.



Image: A collage demonstrating the EAZYRC FMS Rochobby 1/18 Atlas RC Crawler's capability to conquer various terrains, including marshland, grassland, mud, and indoor obstacles.

4.3 Product Videos

Watch these official product videos for visual guidance on features and operation:

Your browser does not support the video tag.

Video: An overview of the EAZYRC FMS Rochobby 1/18 Atlas RC Crawler, demonstrating its key features and performance (1:43 duration).

Your browser does not support the video tag.

Video: A demonstration of the EAZYRC FMS Rochobby 1/18 Atlas RC Crawler in action, highlighting its off-road capabilities (1:52 duration).

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your RC Crawler.

5.1 Cleaning

- After each use, especially in dirty or dusty conditions, clean the vehicle using a soft brush or compressed air to remove debris.
- Wipe down the body with a damp cloth. Avoid using harsh chemicals.

5.2 Battery Care

- Always disconnect the battery from the vehicle when not in use.
- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not overcharge or over-discharge Lithium Polymer batteries. Follow manufacturer guidelines for charging.

5.3 Component Inspection

- Regularly inspect the ball bearings and metal gears for wear or damage. Replace as necessary to maintain smooth operation.



Image: A detailed view of the RC crawler's chassis, highlighting the full metal gears designed for superior strength and endurance.

- Check the 4-link suspension components for any loose connections or damage.
- Ensure all screws and fasteners are tight.

6. TROUBLESHOOTING

If you encounter issues with your RC Crawler, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Vehicle does not respond to remote control	Low battery in vehicle or remote; Not bound; Interference	Charge vehicle battery; Replace remote batteries; Re-bind transmitter and receiver; Move to an area with less interference.
Vehicle moves slowly or lacks power	Low vehicle battery; Motor or gear issue	Charge vehicle battery fully; Inspect motor and gears for obstructions or damage.
Steering is unresponsive or erratic	Servo damage; Loose steering linkage; Interference	Check steering servo and linkages; Re-bind; Move to an area with less interference.
Lights not working	Loose connection; Damaged LED	Check wiring connections to the lights; Contact support for replacement parts if LEDs are damaged.

7. SPECIFICATIONS

Key technical specifications for the EAZYRC FMS Rochobby 1/18 Atlas RC Crawler:

- **Model:** 1/18 Atlas
- **Scale:** 1/18
- **Drive System:** 4X4
- **Motor:** 35T 550 Brushed Motor
- **Gearbox:** Full Metal Gearbox
- **Suspension:** 4 Link Suspension
- **Steering:** New Servo Steering System
- **Radio System:** 2.4GHz
- **Battery:** 1 Lithium Polymer battery (included)
- **Product Dimensions:** 21 x 9 x 10 inches
- **Item Weight:** 2.55 pounds
- **Recommended Age:** 16 years and up
- **Manufacturer:** EAZYRC



Image: A diagram illustrating the key dimensions of the EAZYRC FMS Rochobby 1/18 Atlas RC Crawler, including length, width, and height.

8. WARRANTY AND SUPPORT

Your EAZYRC FMS Rochobby 1/18 Atlas RC Crawler is covered by a **3-month repaired service guarantee**. This warranty covers manufacturing defects and ensures repair services for eligible issues within the specified period.

For technical support, warranty claims, or inquiries regarding replacement parts, please contact EAZYRC customer service through their official website or the retailer where the product was purchased. Please have your product model and purchase information ready when contacting support.