

EAZYRC FCX24M Defender 110

EAZYRC FMS 1/24 FCX24M RC Crawler Instruction Manual

Model: Land Rover Defender 110

1. INTRODUCTION

Thank you for choosing the EAZYRC FMS 1/24 FCX24M RC Crawler, Land Rover Defender 110. This ready-to-run (RTR) 4x4 mini RC truck is designed for enthusiasts seeking a realistic and capable remote-controlled vehicle. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your RC crawler.



Image 1.1: EAZYRC FMS 1/24 FCX24M RC Crawler, Land Rover Defender 110, with included accessories.

2. SAFETY INFORMATION

For External Use Only.

Always operate the RC crawler in a safe environment, away from people, pets, and obstacles. Do not operate near water or in wet conditions unless the product is specifically rated as waterproof. Keep small parts out of reach of children. Adult supervision is recommended for users under 16 years of age.

3. PACKAGE CONTENTS

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

- EAZYRC FMS 1/24 FCX24M RC Crawler (Land Rover Defender 110)
- 2.4Ghz Remote Control
- LiPo Battery 2S 7.4V 380mAh
- Charger
- Charging Cable
- Product Manual (this document)
- Hex Wrench (for maintenance)

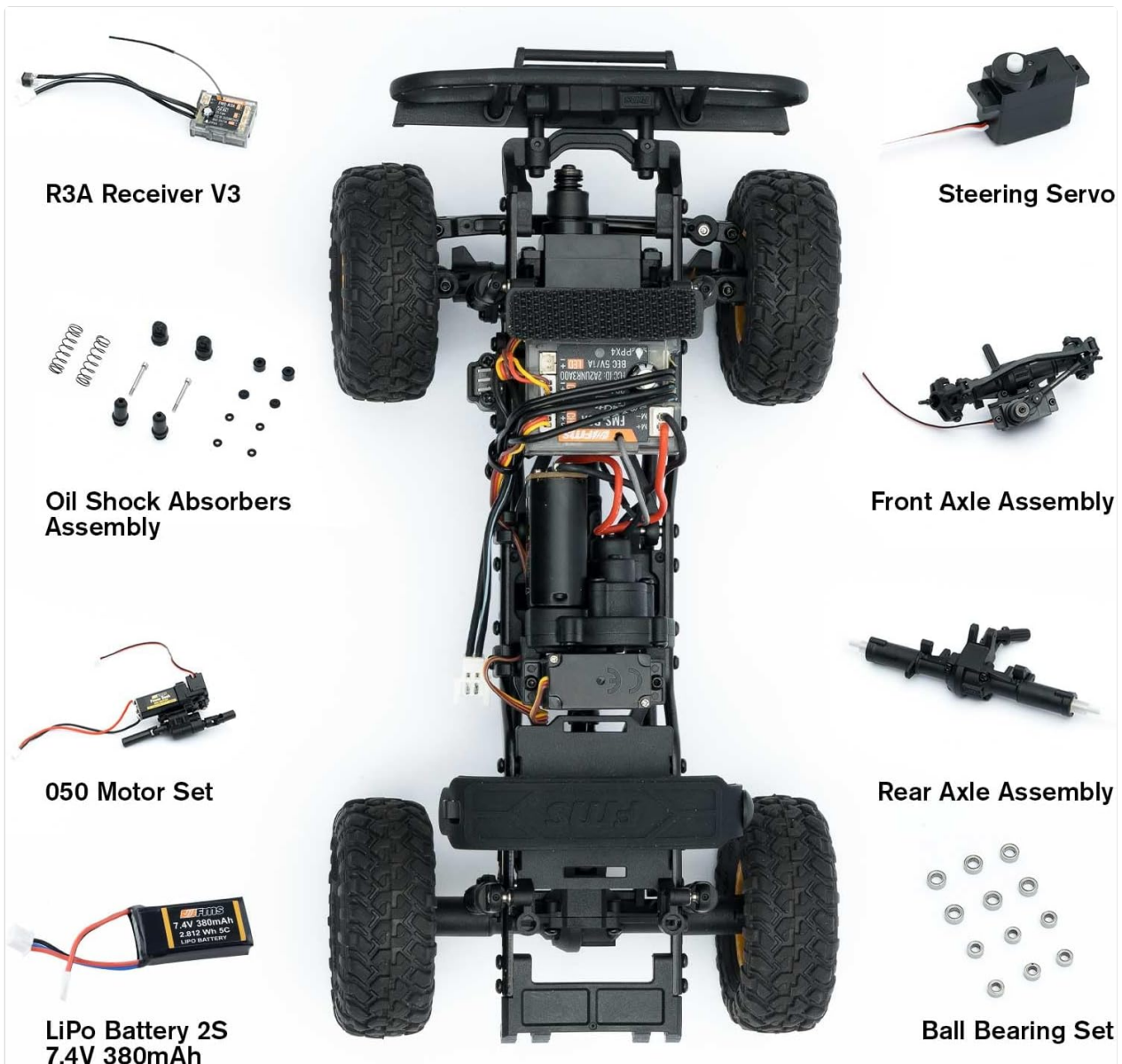


Image 3.1: Internal components and accessories of the FCX24M RC Crawler.

4. PRODUCT FEATURES

The EAZYRC FMS 1/24 FCX24M RC Crawler boasts several advanced features for an enhanced crawling experience:

- **Official Land Rover Authorized Appearance:** Faithfully replicates the Land Rover Series with intricate interior and accessories, including a roof rack.
- **Durable FCX24M Chassis:** Equipped with a non-load-bearing metal ladder frame for excellent rigidity and stability.
- **Two-Speed Gearbox:** Allows switching between low-speed crawling (3km/h) and higher-speed traversal (8km/h).
- **Integrated ESC Receiver:** Simplifies electronics and provides reliable control.
- **050 Motor:** Provides ample power for various terrains.
- **Front and Rear Portal Axles:** Increases ground clearance and improves crawling capabilities.
- **Large Diameter Tires:** Enhances grip and obstacle-crossing ability.
- **Brightenable Headlamps:** Functional lighting for realistic operation and visibility.

PRODUCTS FEATURES



FCX24M Chassis



ABS Hard
Plastic Chassis



Two-speed
Transmission



Large
Diameter Tires



Brightenable
Headlamp



Image 4.1: Visual representation of the FCX24M's core features.

5. SETUP

5.1 Battery Charging

1. Connect the charging cable to the charger.
2. Connect the battery to the charging cable.
3. Plug the charger into a suitable power source.
4. Monitor the charging process. The indicator light on the charger will typically change color or turn off when charging is complete.
5. Disconnect the battery once fully charged. Do not overcharge.

5.2 Battery Installation

1. Locate the battery compartment on the RC crawler.
2. Carefully insert the charged LiPo battery into the compartment.
3. Connect the battery connector to the vehicle's power port. Ensure correct polarity.

4. Secure the battery compartment cover.

5.3 Remote Control Setup

1. Install appropriate batteries (not included, typically AA) into the remote control.
2. Turn on the remote control.
3. Turn on the RC crawler.
4. The remote control and crawler should automatically bind. If not, refer to the binding instructions usually located on the remote control or a separate quick start guide.

6. OPERATING INSTRUCTIONS

6.1 Basic Controls

- **Throttle Trigger:** Pull to move forward, push to reverse/brake.
- **Steering Wheel:** Turn left to steer left, turn right to steer right.
- **Trim Adjustments:** Use the trim dials on the remote to fine-tune steering and throttle for straight tracking when the controls are centered.

6.2 Two-Speed Gearbox Operation

Your FCX24M is equipped with a two-speed gearbox. A switch on the remote control (refer to your remote's specific layout) allows you to toggle between:

- **Low Speed (approx. 3km/h):** Ideal for technical crawling, precise maneuvers, and overcoming challenging obstacles.
- **High Speed (approx. 8km/h):** Suitable for faster traversal on less demanding terrain.

Switch gears only when the vehicle is stationary or moving at a very low speed to prevent damage to the gearbox.

6.3 Lighting Control

The brightenable headlamps can typically be controlled via a dedicated button or switch on the remote control. Consult your remote's diagram for specific functionality.

EASY TO OPERATE

2.4GHZ REMOTE CONTROL



Image 6.1: The 2.4GHz remote control and speed capabilities.



7. MAINTENANCE

- **Cleaning:** After each use, especially in dusty or dirty conditions, clean the vehicle with a soft brush or compressed air. Avoid using water directly on electronics.
- **Inspection:** Regularly inspect all moving parts, including wheels, axles, and suspension components, for wear or damage.
- **Lubrication:** Apply appropriate RC-specific lubricant to gears and moving joints as needed to reduce friction and wear.
- **Drive Shafts:** A hex wrench is included for replacing damaged drive shafts. Ensure proper installation and alignment.
- **Storage:** Store the RC crawler and battery in a cool, dry place away from direct sunlight and extreme temperatures. Disconnect the battery when not in use for extended periods.

8. TROUBLESHOOTING

- **Vehicle Not Responding:** Check battery charge in both the crawler and remote. Ensure both are powered on and properly bound.
- **Poor Performance/Loss of Power:** Recharge the battery. Inspect for debris in moving parts or damaged gears.
- **Steering Issues:** Check steering trim on the remote. Inspect the steering servo for damage or obstruction.
- **Unusual Noises:** Immediately stop operation and inspect for loose or damaged gears, bearings, or other components.

For persistent issues, contact EAZYRC customer support.

9. SPECIFICATIONS

Feature	Detail
Product Dimensions	9.5 x 4.2 x 5 inches
Item Weight	2.4 pounds
Item Model Number	123456
Manufacturer Recommended Age	16 years and up
Battery Type	1 Lithium Polymer battery (included)
Scale	1/24
Drive System	4x4

PRODUCT SIZE

1/24 Range Rover



1/24 Discovery



1/24 Defender 90



1/24 Defender 110



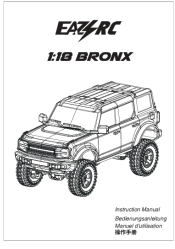


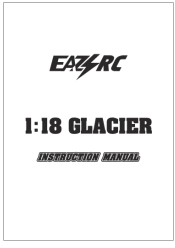


Image 9.1: Product size comparison for different 1/24 scale models.

10. WARRANTY AND SUPPORT

EAZYRC Model Shop provides a **3-month after-sales repair guarantee** for the 1/24 Land Rover Series RC Crawler. For any quality issues or support inquiries, customer service representatives aim to respond within 24 hours to provide quick resolutions.

For assistance, please refer to the contact information provided with your purchase or visit the official EAZYRC website.

	<p>EZRC 1:18 Chevrolet Colorado Instruction Manual</p> <p>This manual provides instructions for assembling, operating, and maintaining the EZRC 1:18 Chevrolet Colorado remote control monster truck. It includes details on charging, transmitter and receiver setup, controls, specifications, features, and safety precautions.</p>
	<p>EZRC Patriot 1/18th Scale RC Truck Instruction Manual</p> <p>Comprehensive instruction manual for the EZRC Patriot 1/18th scale RC truck, covering setup, operation, battery care, safety warnings, spare parts, and distributor information.</p>
	<p>EZRC 1:18 Bronx RC Crawler Instruction Manual</p> <p>Comprehensive instruction manual for the EZRC 1:18 Bronx RC crawler, detailing setup, operation, safety warnings, transmitter introduction, battery installation, specifications, and spare parts.</p>
	<p>EZRC 1:18 Chevrolet Colorado RC Monster Truck Instruction Manual</p> <p>Comprehensive instruction manual for the EZRC 1:18 Chevrolet Colorado RC monster truck, covering assembly, operation, charging, specifications, and safety precautions.</p>
	<p>EZRC 1:18 Chevrolet Colorado Instruction Manual</p> <p>Comprehensive instruction manual for the EZRC 1:18 scale Chevrolet Colorado RC monster truck, detailing assembly, operation, charging, specifications, and spare parts.</p>
	<p>EZRC 1:18 Glacier RC Car: Instruction Manual</p> <p>User manual for the EZRC 1:18 Glacier RC remote control car, covering setup, operation, safety, battery care, and spare parts. Features vintage American pickup truck design.</p>

