

GoAssemb 801

GoAssemb 801 1/32 2.4G RC Mini Electric Drift Off-Road Vehicle Model Instruction Manual

Model: 801 | Brand: GoAssemb

INTRODUCTION

This manual provides detailed instructions for the safe and effective operation, maintenance, and troubleshooting of your GoAssemb 801 1/32 2.4G RC Mini Electric Drift Off-Road Vehicle Model. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

PACKAGE CONTENTS

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

- RC Car (Model 801) x 1
- Remote Controller x 1
- USB Charger x 1
- 3.7V 100mAh Li-po Battery (pre-installed in car) x 1
- Instruction Manual x 1



Figure 1: Contents of the GoAssemb 801 RC Car package, including the car, remote controller, USB charger, and other small accessories.

SAFETY INFORMATION

Please observe the following safety guidelines to prevent injury or damage to the product:

- **Battery Safety:** The vehicle's internal electronic components are protected by battery overcharge and overcurrent protection. Always use the provided USB charger and avoid charging unattended.
- **Operating Environment:** Operate the RC car in open areas, away from people, pets, and obstacles. Avoid operating near water or in wet conditions.
- **Age Recommendation:** This product is recommended for users aged 16 and above. Adult supervision is advised for younger users.
- **Avoid Collisions:** While the car features an anti-vibration body design and crashproof frame, repeated high-impact collisions can cause damage.

SETUP

1. Battery Installation

Vehicle Battery: The 3.7V 100mAh Li-po battery is pre-installed in the RC car. Ensure it is securely connected before first use.

Remote Controller Batteries:

1. Locate the battery compartment on the back of the remote controller.
2. Open the battery cover.
3. Insert two (2) AA batteries (not included), ensuring correct polarity (+/-).
4. Close the battery cover securely.

2. Charging the Vehicle Battery

Use only the provided USB charger for the vehicle's Li-po battery.

1. Connect the USB charger to a standard USB power source (e.g., computer USB port, USB wall adapter).
2. Connect the other end of the USB charger to the charging port on the RC car.
3. The charging indicator light on the USB charger will illuminate (color may vary) to indicate charging is in progress.
4. Charging typically takes approximately 3.5 hours. The indicator light will change or turn off when charging is complete.
5. Disconnect the charger once charging is complete. Do not overcharge.

OPERATING INSTRUCTIONS

1. Power On/Off

1. Turn on the RC car using the "ON/OFF" switch located on the vehicle.
2. Turn on the remote controller. The indicator light on the remote will flash.
3. The remote controller and car will automatically pair. The remote's indicator light will become solid when paired.
4. To power off, turn off the car first, then the remote controller.



STEERING FINE ADJUSTMENT

There is a steering fine adjustment device under the chassis which can correct the steering when driving yaw



HIGHLIGHT LED LAMP

Built-in high-brightness LED lamp can pass through the transparent car shell and drive safely in the dark



HIGH SPEED HOLLOW CUP MOTOR

High speed, high efficiency and low noise, Provide strong power for vehicles



SWITCH DESIGN

After careful adjustment of switch damping, it is not easy to touch the switch by mistake during driving which results in power failure of the vehicle

Figure 2: Detailed view of the RC car's power switch, integrated LED lamp for low-light visibility, high-speed hollow cup motor, and the steering fine adjustment device located under the chassis.

2. Remote Control Functions

The 2.4G full-scale synchronous remote control system provides precise control:

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

- **Steering Fine Adjustment:** A dial or trim switch on the remote allows for minor adjustments to ensure the car drives straight when the steering wheel is centered. Adjust if the car veers left or right.

DRIVING AT HIGH SPEED AND LASTING BATTERY LIFE

15 minutes battery life, 3.7V100mAh lithium battery pack
At the touch of a trigger, it is on a roll



HIGH PERFORMANCE CHASSIS

High-performance electronic parts, combined with impact-resistant ABS chassis, rear-wheel drive design and equipped with high-speed hollow cup motor, small body and large energy, small performance monster, give you extraordinary control experience



THERE IS ENERGY INSIDE NOT JUST OUTSIDE

Stable control experience comes from the exquisite design inside



CRASHPROOF FRAME

Protect against collision, buffer frontal impact and avoid vehicle damage caused by collision



ANTI-VIBRATION DESIGN

Built-in spring shock absorber to prevent the imbalance of the car body caused by road bumps during high-speed driving

Figure 3: The 2.4G remote controller, illustrating the steering wheel for directional control and the trigger for throttle and brake functions.

3. Driving Modes and Performance

The GoAssemb 801 features a dual gear mode for varied driving experiences:

- **Indoor Mode (Low Speed):** Ideal for smaller spaces and learning, providing easier control.
- **Professional Mode (High Speed):** For experienced users and open areas, reaching speeds of over 20 km/h.

The car's 4-wheel drive and independent suspension system contribute to its off-road capabilities and stability. The hollow cup motor provides strong power for drifting and high-speed maneuvers.

BRILLIANT TRANSLUCENT BODY

Illuminate the road in the dark, dazzling lighting effect
Have an extraordinary playful experience



Figure 4: The GoAssemb 801 RC Car in motion, highlighting its speed and agility suitable for various terrains.

SPEED

1:32 MINIHIGH-SPEEDCAR

Double speed adjustment: indoor mode/professional mode
Travel at high speed up to 20km/h



SPEED



MINI



 SPEED ADJUSTMENT OF DOUBLE GEARS	 RESISTANCE TO FALLING AND COLLISION	 RESISTANCE TO FALLING AND COLLISION
 ENDURING BATTERY LIFE	 ANTI-SKID WHEEL	 HIGH TOUGHNESS MATERIALS
 TRANSLUCENT BODY	 MINI AND PORTABLE	1:32 MODEL SCALE

Figure 5: Detailed view of the RC car's chassis, showcasing the independent suspension system and durable construction designed for off-road stability.

MAINTENANCE

Regular maintenance ensures the longevity and performance of your RC car.

- **Cleaning:** After each use, especially after off-road driving, gently clean the car to remove dirt, dust, and debris. Use a soft brush or cloth. Avoid using water directly on electronic components.
- **Battery Care:** Always fully charge the battery before storage if not used for an extended period. Store the battery in a cool, dry place.
- **Storage:** Store the RC car and remote controller in a dry, cool environment, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the wheels, suspension, and steering components for any signs of wear or damage.

TROUBLESHOOTING

If you encounter issues with your GoAssemb 801 RC car, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Car does not respond to remote.	Car or remote is off.	Ensure both car and remote are powered on.
	Batteries are low or incorrectly installed.	Check and replace remote batteries; ensure car battery is charged.
	Not paired correctly.	Power cycle both devices to re-establish connection.
Short operating time.	Battery not fully charged.	Ensure battery is fully charged (3.5 hours).
	Old or worn-out battery.	Consider replacing the battery if it's old and performance has degraded.
Car pulls to one side.	Steering trim needs adjustment.	Use the steering fine adjustment dial on the remote controller.
	Damage to steering components.	Inspect for physical damage and contact support if necessary.

SPECIFICATIONS

Feature	Detail
Model No.	801
Scale	1:32
Speed	>20km/h
Motor	Brushed Motor (Hollow Cup Motor)
Frequency	2.4GHz
RC Distance	≥35m
RC Type	Full Scale Synchronous Remote Control
RC Time	15 minutes (Full Speed)
Charging Time	3.5 hours
Remote Controller Battery	2 x AA Batteries (Not Included)
Car Model Battery	3.7V 100mAh Li-po Battery (Included)
Charger	USB Charger
Product Dimensions	12 × 8.5 × 4cm (4.72 x 3.35 x 1.57 inches)
Product Weight	160g (5.6 ounces)
Material	Plastic + Metal + Electronic Components (ABS, PVC shell)

Feature	Detail
Recommended Age	16+ (Manufacturer recommended age: 12 months - 17 years, but product description states 16+)

WARRANTY AND SUPPORT

GoAssemb products are manufactured with quality and performance in mind. For any questions, technical support, or warranty inquiries, please contact GoAssemb customer service through the retailer where the product was purchased or visit the official GoAssemb store online.

GoAssemb Store: [GoAssemb Official Store](#)

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