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› Teeggi S911 PRO 1:16 High-Speed RC Car User Manual

Teeggi S911 PRO

Teeggi S911 PRO 1:16 Scale RC Car Instruction Manual

Model: S911 PRO

INTRODUCTION

Thank you for choosing the Teeggi S911 PRO 1:16 Scale High-Speed Remote Control Car. This manual provides essential information for the safe operation, maintenance, and optimal performance of your RC car. Please read it thoroughly before use.



Image: The Teeggi S911 PRO RC car, an off-road racing buggy designed for speed and performance.

SAFETY INFORMATION

- **Age Recommendation:** This product is not suitable for children under 14 years of age. Adult supervision is recommended for users under 18.
- **Battery Safety:** Use only the specified 7.4V 1500mAh Li-ion batteries. Do not overcharge or short-circuit batteries. Dispose of batteries responsibly.
- **Operating Environment:** Operate the RC car in open areas, away from people, pets, vehicles, and obstacles. Avoid public roads.
- **Water Exposure:** This RC car is not waterproof. Avoid operating in wet conditions or near water to prevent damage to electronic components.
- **High Speed Warning:** The S911 PRO can reach speeds up to 70 km/h. Exercise extreme caution during operation to prevent accidents.
- **Maintenance:** Always disconnect the battery before performing any maintenance or adjustments.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Teeggi S911 PRO RC Car (1:16 Scale)
- 2.4 GHz Remote Control Transmitter
- 7.4V 1500mAh Li-ion Battery (Quantity may vary, typically 1-3 depending on package)
- USB Charging Cable
- User Manual (This document)
- Small tools/accessories (e.g., wrench, spare clips)

SETUP

1. Charging the Car Battery

1. Ensure the car's power switch is OFF.
2. Carefully remove the battery from the car's battery compartment.
3. Connect the battery to the USB charging cable.
4. Plug the USB charging cable into a suitable USB power adapter (not included).
5. The charging indicator light will show the charging status (refer to charger instructions for specific light patterns).
6. Charging time is approximately 3 to 3.5 hours. Do not leave unattended during charging.
7. Once fully charged, disconnect the battery from the charger.

2. Installing Remote Control Batteries

1. Open the battery compartment cover on the back of the remote control.
2. Insert 3 "AA" batteries (not included) according to the polarity markings.
3. Close the battery compartment cover securely.



Image: The 2.4 GHz remote control transmitter, showing the steering wheel and throttle trigger for precise control.

3. Installing Car Battery and Pairing

1. Place the fully charged battery into the car's battery compartment and connect it. Secure the compartment cover.
2. Turn on the RC car's power switch.
3. Turn on the remote control transmitter. The indicator light on the remote will flash.
4. Wait for a few seconds. The remote control indicator light will become solid, indicating successful pairing.
5. If pairing fails, turn off both the car and remote, then repeat steps 2-4.

OPERATING INSTRUCTIONS

Basic Controls

- **Throttle Trigger:** Pull the trigger to accelerate forward. Push the trigger to brake or reverse.
- **Steering Wheel:** Turn the wheel left to steer the car left, and right to steer the car right.

- **Trim Adjustments:** Use the trim dials on the remote to fine-tune steering and throttle if the car does not drive straight or stops when the trigger is neutral.

Driving Tips

- Start slowly to get accustomed to the controls, especially the high speed capability.
- The 2.4 GHz remote control offers a range of up to 120 meters. Maintain line of sight with the car.
- The car features 4WD and independent suspension, allowing it to handle various terrains like flat ground, sand, mud, and grass.
- Practice drifting and high-speed turns in a safe, open environment.



Image: The Teeggi S911 PRO RC car demonstrating its agility and speed on an open surface.

MAINTENANCE

General Care

- After each use, clean the car to remove dirt, dust, and debris. Use a soft brush or cloth.

- Inspect the chassis, wheels, and suspension for any damage or loose parts.
- Ensure all screws are tightened.
- Store the car and remote in a cool, dry place away from direct sunlight.

Battery Maintenance

- Always disconnect the battery from the car when not in use.
- For long-term storage, charge the Li-ion battery to approximately 50% capacity.
- Remove AA batteries from the remote control if not used for extended periods.

Component Inspection



Image: Detailed view of the metal front and rear differentials, designed for enhanced durability and fluid turns.

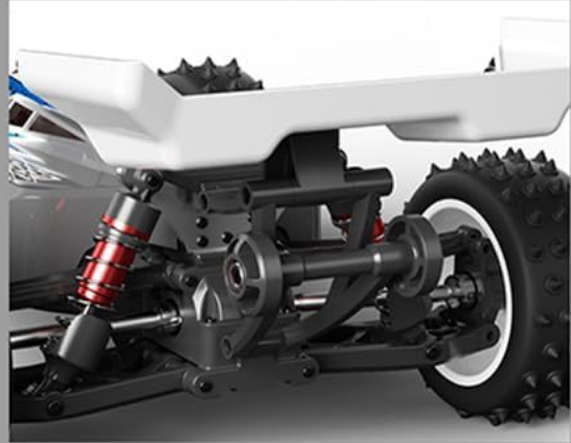
- **Differentials:** The metal front and rear differentials are designed for durability. Check for smooth operation and any signs of wear.
- **Chassis and Body:** The car features a PVC explosion-proof car shell and a brushless vision chassis with nylon and metal components. Inspect for cracks or damage.

- **Tires:** The off-road tires provide strong grip. Check for wear and tear, and ensure they are securely attached.
- **Suspension:** The independent suspension system with front and rear spring damping should be checked for proper function.

High toughness explosion proof material is preferred



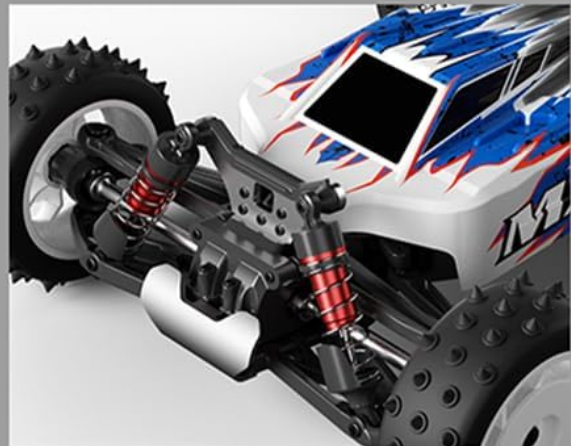
PVC explosion-proof car shell



Head wheel



High toughness rear wing



Front bumper

Image: Various components of the Teeggi S911 PRO, highlighting the high-toughness explosion-proof PVC car shell, head wheel, high-strength rear wing, and front bumper.

Brushless vision chassis

Professional model chassis

The main material of the vehicle chassis is
nylon material metal components
electronic components



Image: An exploded view of the brushless vision chassis, detailing key components like the metal differential gear, high endurance battery, 2847 brushless motor, metal drive shaft, and shock absorption system.

Performance off-road tyres have better grip



Image: Close-up of the performance off-road tires, designed with an aggressive tread pattern for superior grip on various surfaces.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Car does not respond to remote.	<ul style="list-style-type: none">◦ Car or remote is off.◦ Batteries are low or dead.◦ Not paired correctly.◦ Out of range.	<ul style="list-style-type: none">◦ Turn on both devices.◦ Replace/charge batteries.◦ Re-pair the car and remote.◦ Bring car closer to remote.
Car runs slowly or has weak power.	<ul style="list-style-type: none">◦ Car battery is low.◦ Motor/gears obstructed.	<ul style="list-style-type: none">◦ Recharge car battery.◦ Check for debris in motor/gear area.
Car pulls to one side.	<ul style="list-style-type: none">◦ Steering trim needs adjustment.◦ Damaged steering components.	<ul style="list-style-type: none">◦ Adjust steering trim on the remote.◦ Inspect steering linkage for damage.

Problem	Possible Cause	Solution
Short operating time.	<ul style="list-style-type: none"> ◦ Battery not fully charged. ◦ Battery degradation. 	<ul style="list-style-type: none"> ◦ Ensure full charge. ◦ Consider replacing battery if old.

SPECIFICATIONS

Feature	Detail
Model	S911 PRO
Scale	1:16
Max Speed	70 km/h
Drive System	4WD (Four-Wheel Drive)
Motor Type	Brushless Motor
Remote Control Frequency	2.4 GHz
Remote Control Distance	≥ 120 meters
Car Battery	7.4V 1500mAh 15C Li-ion (T-plug)
Operating Time	Approx. 15-18 minutes per battery
Charging Time	Approx. 3-3.5 hours
Remote Control Batteries	3 x "AA" batteries (not included)
Wheelbase	188 mm
Wheel Diameter	85 mm
Product Dimensions (L x W x H)	29 x 20.5 x 13 cm
Weight	920 g
Main Material	Plastic, Metal Components
Special Features	High speed, 2.4 GHz remote control with long range, robust accessories (metal differential, CVD drive, high-strength rear wing)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the retailer where you purchased the Teeggi S911 PRO RC Car. Keep your proof of purchase for any warranty claims.