SNICLO JH61208

SNICLO 2009 Micro FPV RC Car Instruction Manual

Model: JH61208 | Brand: SNICLO

1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your SNICLO 2009 Micro FPV RC Car. This 1/100 scale remote control car features an HD FPV camera and FPV goggles for an immersive driving experience. It is designed with a precision structure, including metal gears and a compound worm gear design for enhanced power. The mini chassis offers rich lighting functions, and the magnetic FPV camera allows for easy attachment and detachment.

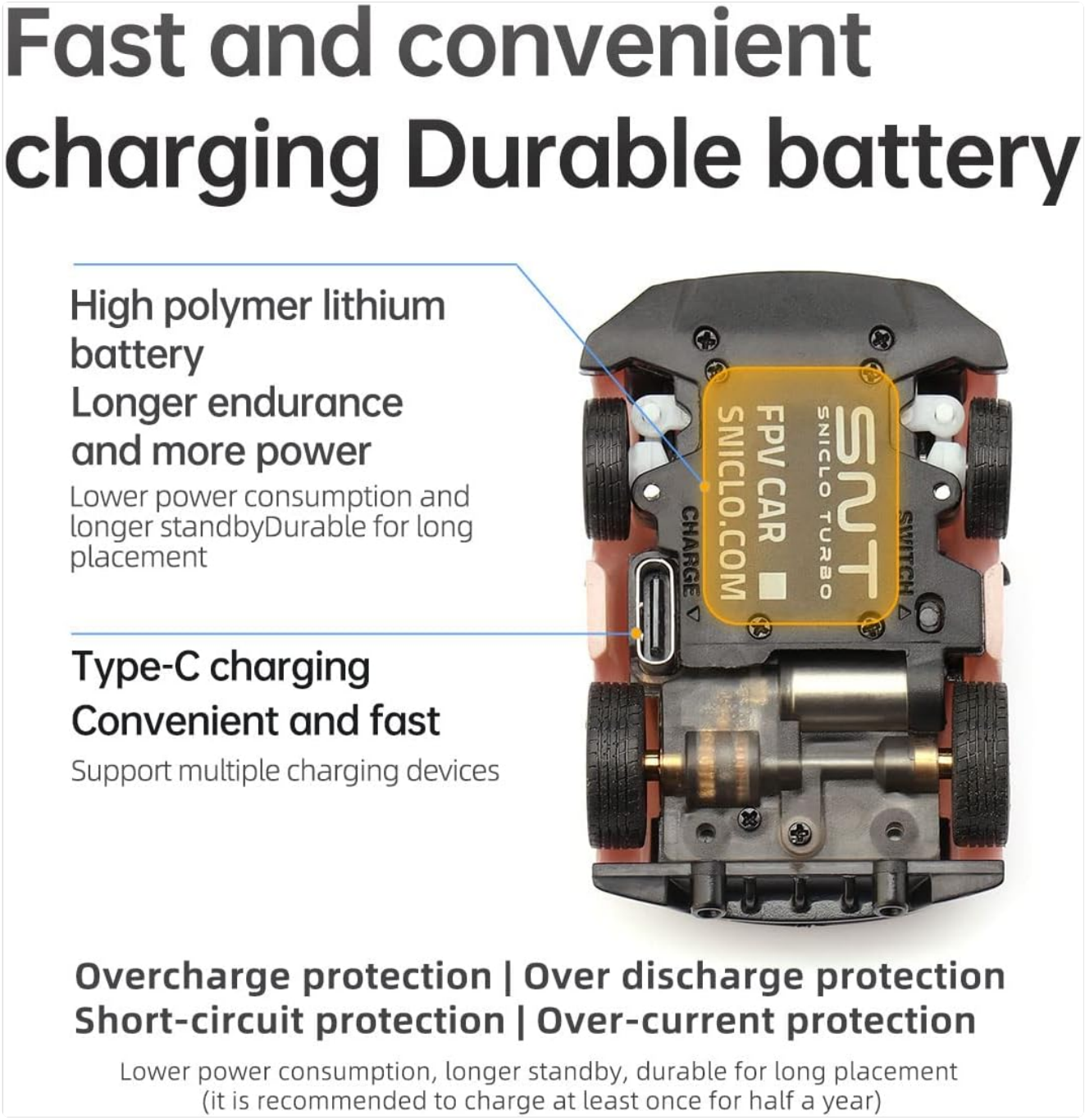

Image 1.1: Complete SNICLO 2009 Micro FPV RC Car kit including the car, remote control, and FPV goggles.

2. What's in the Box

- SNICLO 2009 Micro FPV RC Car
- Remote Control Transmitter
- FPV Goggles
- Product Manual
- Charging Cable (USB-C for car, Micro USB for goggles)
- Battery (pre-installed in car)

3. Components Overview

3.1 SNICLO 2009 Micro FPV RC Car

The 1/100 scale car features a precision steering structure with metal gears and a compound worm gear design for 120% increased power. It includes a second-generation SNT Q series chassis with an ultra-small 25mm wheelbase and rich

lighting functions (headlights, turn signals, brake lights, taillights, ambient lights). The FPV camera is magnetic for easy and fast disassembly.

Image 3.1: Detailed view of the SNICLO 2009 Micro FPV RC Car showcasing its features like composite worm gearbox, multifunction button, headlights, turn signal, brake light, taillight, ambient light, independent suspension, realistic tires, battery safety system, high efficiency metal gears, full proportional steering system, and 2.4GHz frequency auto-match.

3.2 Remote Control Transmitter

The AIR5 multi-function dedicated remote control offers efficient operation and fast feedback. It includes steering trim buttons for precise steering adjustments and throttle dual rate for high or low power driving. The controller can also be used to charge the car via a USB-C port (rechargeable batteries recommended for controller).

Image 3.2: The SNICLO RC Car remote control transmitter, highlighting its ergonomic design and various control buttons.

3.3 FPV Goggles

Equipped with HD camera and FPV goggles for first-person view transmission, allowing you to view clear photos and videos. The goggles also feature a DVR function to record your driving sessions. They support 40 channels across bands A, B, D, E, and Raceband, with a 4.3-inch screen (800x480 pixels) and a Fresnel lens for clear viewing. These goggles are compatible with analog FPV systems only.

Video 3.3: An official product video demonstrating the SNICLO Micro FPV RC Car in action, highlighting its small size and FPV capabilities.

Video 3.4: An official product video showcasing the user-friendly nature of the SNICLO Micro FPV RC Car with its camera and headset, demonstrating ease of use and fun.

4. Setup

4.1 Charging the Car

The car is equipped with a high polymer lithium battery and charges via a USB-C port located on the underside. You can charge it using a wall charger, computer, or even the remote control (using the provided adapter). The car features overcharge, over-discharge, short-circuit, and over-current protection. For long-term storage, it is recommended to charge the battery at least once every half year.

Image 4.1: Illustration of the SNICLO RC Car's underside, showing the USB-C charging port, high polymer lithium battery, and various protection features.

4.2 Charging the FPV Goggles

The FPV goggles are charged via a Micro USB port. A 2A wall charger is recommended for optimal charging of the 2000mAh battery.

4.3 Installing Remote Control Batteries

The remote control can be powered by either an 18650 battery or three AAA batteries. Rechargeable batteries are recommended if you plan to use the remote to charge the car, as standard batteries may drain quickly.

4.4 Binding the Car and Remote

To bind the car and remote, turn on the car first. The car's lights will blink, indicating it's searching for the transmitter. Then, turn on the remote control. They should automatically connect. If binding is lost, hold down the bind button on the car for 2 seconds, then hold down the bind button on the remote control to re-bind.

5. Operating

5.1 Power On/Off

- **Car:** Use the on/off switch located on the underside of the car. A quick press turns it on/off.
- **Remote Control:** Use the on/off switch on the remote.
- **FPV Goggles:** Use the on/off switch on the goggles.

5.2 Driving

- **Throttle:** Use the trigger on the remote for forward and reverse movement.
- **Steering:** Use the steering wheel on the remote to control direction. Adjust steering trim buttons (left/right) to ensure the car drives straight.
- **Speed Modes:** Use the throttle dual rate buttons (up/down) to switch between high and low power driving. Low power is recommended for beginners due to the car's high speed and sensitive steering.

5.3 Lighting Control

The remote control has dedicated buttons to turn the headlights on/off and adjust the ambient lighting colors (up to five different colors).

5.4 FPV Camera and Goggles Usage

Once the car and goggles are powered on and connected, you will see the first-person view from the car's camera on the goggle screen. You can turn off the FPV system on the car via the remote control to extend drive time, as the camera consumes battery power. The goggles' DVR function allows you to record video in VGA, D1, or HD (720p at 30fps) resolution.

6. Maintenance

- **Surface:** Drive the car on nice, smooth, clean surfaces. Avoid carpets or dirty areas to prevent debris (like dog hair) from gumming up the gears.
- **Worm Gear Transmission:** Do not force the back wheels forward or backward manually, as this can strip the worm gears.
- **Battery Care:** For optimal battery life, avoid completely draining the car's battery.

7. Troubleshooting

- **Car not binding:** Ensure both the car and remote are powered on. If the issue persists, use the manual binding procedure (hold car bind button for 2 seconds, then remote bind button).
- **Car not driving straight:** Adjust the steering trim buttons on the remote control until the car maintains a straight path.
- **Short drive time:** Ensure the FPV camera is turned off if you are not using the goggles, as it consumes battery power.
- **Goggles not displaying video:** Check that the car's FPV system is turned on and that the goggles are set to the correct channel. Ensure the goggles are compatible with analog FPV systems only.
- **Difficulty controlling at high speed:** Use the throttle dual rate to switch to low power driving, especially when first getting used to the car.

8. Specifications

Feature	Detail
Product Dimensions	2.1 x 1.5 x 3 inches
Item Weight	2.9 pounds
Item Model Number	JH61208
Manufacturer Recommended Age	14 years and up
Batteries	1 Lithium Polymer battery required (included)
FPV Camera Power	Low power (approx. 2mW)
FPV Camera Range	Approx. 30 meters
FPV Goggles Screen	4.3 inch, 800x480 pixels
FPV Goggles Channels	40 channels (Bands A, B, D, E, Raceband)
FPV Goggles DVR	VGA, D1, HD (720p @ 30fps) recording

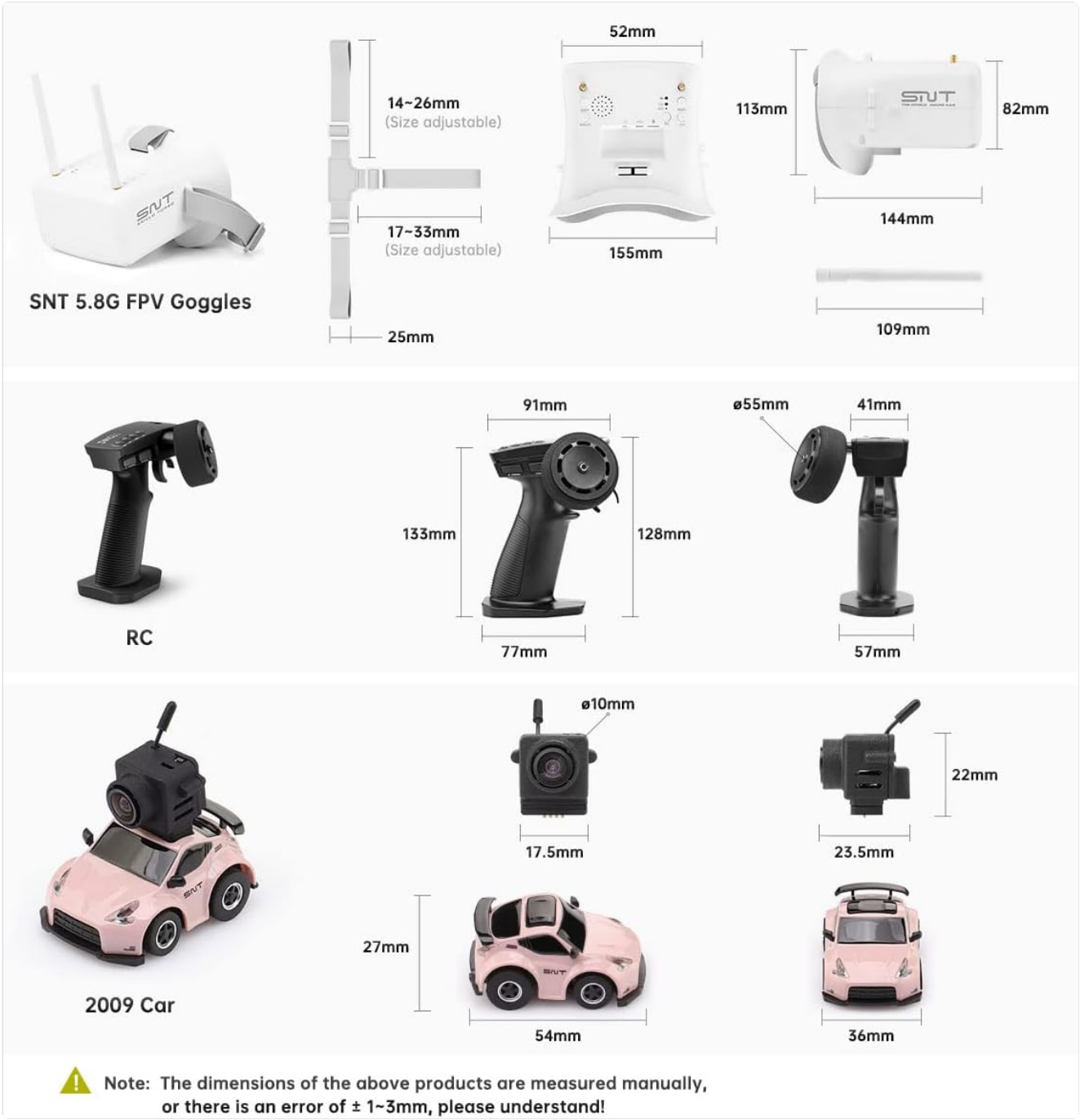

Image 8.1: Detailed dimensions of the SNT 5.8G FPV Goggles, RC remote, and the 2009 Car.

9. Warranty and Support

SNICLO is committed to providing the best service to ensure a good shopping experience. If you have any questions or concerns about your product, please contact SNICLO customer support for assistance. We will address your inquiries as soon as possible.