

SGILE SHJ-2001

SGILE RC Robot Toy User Manual

MODEL: SHJ-2001

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1. Introduction

Welcome to your SGILE RC Robot Toy! This manual provides comprehensive instructions for the safe operation, setup, and maintenance of your new interactive robot. Please read this manual thoroughly before use to ensure optimal performance and enjoyment.



Image: The SGILE RC Robot Toy, showcasing its design and key features like gesture sensing and remote control.

## 2. Safety Information

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**WARNING: CHOKING HAZARD - Small parts. Not suitable for children under 3 years.**

- Always supervise children during play with the robot.
- Do not operate the robot near stairs, open flames, or water.
- Keep fingers, hair, and loose clothing away from moving parts.
- Do not attempt to modify or disassemble the robot or remote control.
- Use only the provided USB charging cable for the robot.
- Ensure correct polarity when installing batteries in the remote control.

## 3. Package Contents

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Please check the package contents to ensure all items are present:

- SGILE RC Robot (Navy)
- Remote Control
- USB Charging Cable
- User Manual



Image: All components included in the SGILE RC Robot Toy package.

## 4. Product Overview

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The SGILE RC Robot is designed with various interactive features to provide an engaging play experience. Familiarize yourself with its components:

### Robot Components

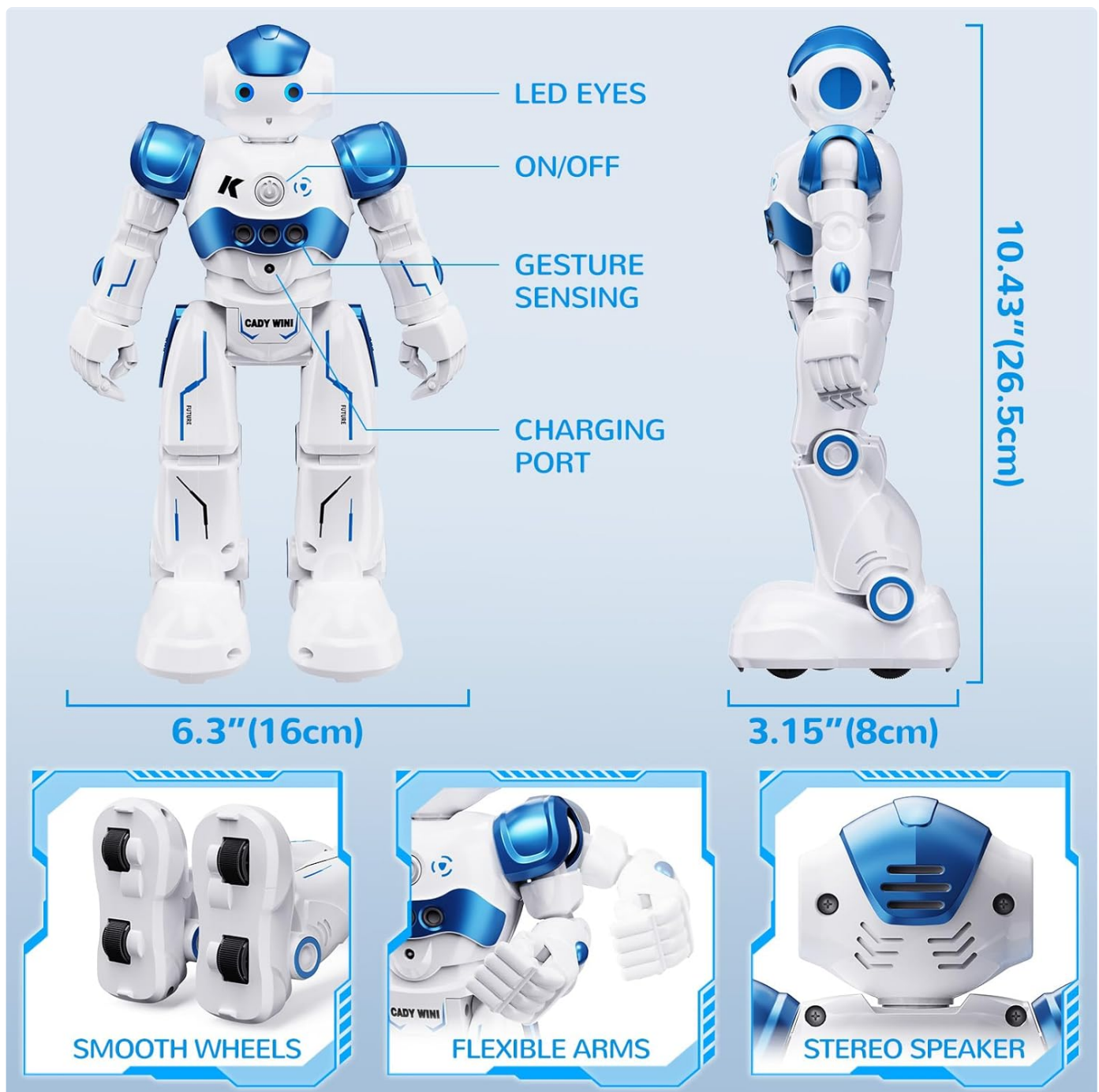


Image: Detailed view of the robot highlighting its various parts and their functions.

- **LED Eyes:** Bright, expressive eyes that light up during operation.
- **ON/OFF Switch:** Located on the back of the robot to power it on or off.
- **Gesture Sensing Area:** Located on the chest, this sensor responds to hand gestures for control.
- **Charging Port:** Located on the back for connecting the USB charging cable.
- **Smooth Wheels:** Integrated into the feet for smooth movement across hard surfaces.
- **Flexible Arms:** Articulated arms for dynamic movements during dance and other actions.
- **Stereo Speaker:** Emits sounds, music, and voice commands.

## 5. Setup

### 5.1. Charging the Robot

1. Ensure the robot is powered off before charging.
2. Locate the charging port on the back of the robot.



3. Connect the small end of the USB charging cable to the robot's charging port.
4. Connect the larger end of the USB charging cable to a standard USB power source (e.g., computer USB port, USB wall adapter).
5. The robot's indicator light will show charging status (refer to robot's specific light indicators if available).
6. Charging typically takes approximately 120 minutes for a full charge, providing about 60 minutes of playtime.



Image: The robot being charged via a USB connection to a laptop.

## 5.2. Remote Control Battery Installation

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

## 6. Operating Instructions

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## 6.1. Power On/Off

Slide the ON/OFF switch on the robot's back to the "ON" position to power it on. Slide it to "OFF" to power down.

## 6.2. Remote Control Functions

Use the provided remote control to operate the robot. Ensure the remote is pointed towards the robot for best signal reception.



Image: The robot and its remote control, illustrating the control interface.

- **Directional Buttons:** Control the robot's movement (Forward, Backward, Turn Left, Turn Right).
- **Stop Button:** Halts any current action the robot is performing.

- **Dance Button:** Activates pre-programmed dance routines with accompanying music.
- **Patrol Button:** Initiates patrol mode where the robot moves autonomously and uses its sensors to avoid obstacles.
- **Music Button:** Plays various musical melodies.
- **Volume Control Buttons:** Adjust the robot's sound output level.

### 6.3. Gesture Sensing

The robot features a gesture sensing function, allowing you to control its basic movements with hand gestures.

1. Ensure the robot is powered on.
2. Position your hand approximately 2-4 inches in front of the gesture sensing area on the robot's chest.
3. Move your hand in the desired direction:
  - **Hand Forward:** Robot moves forward.
  - **Hand Backward:** Robot moves backward.
  - **Hand Left:** Robot turns left.
  - **Hand Right:** Robot turns right.





Image: Demonstrating the gesture sensing capability of the robot.

## 6.4. Programming Mode

Unleash your creativity by programming a sequence of up to 50 movements for the robot.

1. Press the "Program" button on the remote control. The robot will enter programming mode.
2. Input your desired sequence of movements using the directional buttons on the remote control. You can input up to 50 commands.
3. Once you have entered all commands, press the "Program" button again to execute the programmed sequence.



Image: The robot performing a series of programmed actions.

## 6.5. Sing and Dance

The robot can entertain with dynamic music and dance routines.

- Press the "Sing" or "Dance" button on the remote control to activate these functions.
- The robot's LED eyes will light up, and it will perform a sequence of movements accompanied by music.





Image: The robot showcasing its singing and dancing capabilities.

## 6.6. Patrol Mode

Activate Patrol mode for the robot to move autonomously and detect obstacles.

- Press the "Patrol" button on the remote control.
- The robot will begin to move and use its built-in sensors to detect and avoid obstacles in its path.

## 7. Maintenance

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Proper care will extend the life and performance of your SGILE RC Robot Toy.

- **Cleaning:** Wipe the robot and remote control with a clean, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Moisture:** Avoid exposing the robot or remote control to water or excessive moisture.
- **Storage:** Store the robot and remote control in a cool, dry place away from direct sunlight when not in use.

- **Batteries:** Remove batteries from the remote control if it will not be used for an extended period to prevent leakage.

## 8. Troubleshooting

If you encounter any issues with your robot, please refer to the following table for common problems and solutions:

Problem	Solution
Robot not turning on.	Ensure the robot's battery is fully charged. Check that the ON/OFF switch on the robot's back is in the "ON" position.
Remote control not working.	Check if the 2 x AA batteries in the remote control are correctly installed and have sufficient power. Ensure there is a clear line of sight between the remote and the robot.
Robot not responding to gestures.	Ensure your hand is positioned correctly (2-4 inches) in front of the gesture sensing area on the robot's chest. Check for any obstructions blocking the sensor.
Robot not moving smoothly on carpet.	The robot's wheels are designed for optimal performance on smooth, hard surfaces (e.g., wood floors, tiles). Movement on carpet may be restricted.
Robot's sound is too loud/quiet.	Use the volume control buttons on the remote control to adjust the sound level.

## 9. Specifications

- **Model Number:** SHJ-2001
- **Product Dimensions:** 6.3 x 3.15 x 10.43 inches (16 x 8 x 26.5 cm)
- **Item Weight:** 14.9 ounces
- **Recommended Age:** 3 years and up (Manufacturer recommended age: 36 months - 3 years, but suitable for a broader range as per product description)
- **Robot Battery:** Built-in rechargeable battery
- **Remote Control Batteries:** 2 x AA batteries (not included)
- **Charging Time:** Approximately 120 minutes
- **Play Time:** Approximately 60 minutes

## 10. Warranty and Support



For warranty information, technical support, or any inquiries regarding your SGILE RC Robot Toy, please refer to the contact details provided on the product packaging or visit the official SGILE website.

You can also visit the SGILE Store on Amazon for more information and products:

[Visit the SGILE Store on Amazon](#)



Related Documents

	<p><a href="#">SGILE SEJ2301 Remote Control Robot Manual</a></p> <p>User manual for the SGILE SEJ2301 Remote Control Robot, covering safety precautions, battery usage, care, maintenance, delivery contents, charging, and operation.</p>
	<p><a href="#">SGILE RC Stunt Car User Manual - Model NO.SEY-2101</a></p> <p>Comprehensive user manual for the SGILE RC Stunt Car (Model NO.SEY-2101). Includes setup, charging, operation, maintenance, and safety instructions for this 2.4 GHz, 4WD remote control toy car.</p>