

## SIMATE RM

# SIMATE 6.5-inch Bluetooth Self-Balancing Scooter User Manual

Model: RM (Part Number: K2)

## 1. INTRODUCTION

Thank you for choosing the SIMATE 6.5-inch Bluetooth Self-Balancing Scooter. This manual provides essential information for the safe operation, maintenance, and optimal performance of your scooter. Please read it thoroughly before first use and retain it for future reference.

The SIMATE scooter is designed for ease of use, featuring a self-balancing control system, integrated Bluetooth speaker, colorful LED lights, and app control capabilities. It is suitable for various ages and offers an enjoyable riding experience.

## 2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines to prevent injury or damage.

- **UL2272 Safety Certification:** This scooter has achieved UL2272 Safety Certification from SGS, complying with all U.S. safety regulations.
- **Protective Gear:** Always wear a helmet, knee pads, and elbow pads while riding.
- **Age and Weight Limits:** The scooter is designed for users within a specific weight range (max load of 220 lbs). Ensure the rider meets the appropriate age and weight requirements.
- **Environmental Conditions:** Avoid riding on wet, uneven, or slippery surfaces. Do not ride in heavy rain or extreme weather conditions.
- **Public Roads:** Do not ride on public roads or areas with heavy traffic. Use in safe, open spaces.
- **Awareness:** Remain alert and aware of your surroundings, pedestrians, and obstacles.
- **No Stunts:** Avoid performing stunts or sudden maneuvers that could lead to loss of control.
- **Charging:** Use only the provided charger. Do not overcharge the battery.

## 3. WHAT'S IN THE BOX

Upon unboxing, please verify that all components are present:

- SIMATE 6.5-inch Self-Balancing Scooter
- Power Charger
- User Manual (this document)

## 4. SETUP AND FIRST USE

### 4.1 Initial Charging

Before your first ride, fully charge the scooter. Connect the charger to the charging port on the scooter and then to a power outlet. The indicator light on the charger will change (e.g., from red to green) when fully charged. Charging typically takes 2-3 hours.



Figure 1: Charging and Performance Overview. Max speed 7.5 mph, max range 7.5 miles, 2-3 hours charging, 220 lbs max load.

### 4.2 Powering On/Off

Press the power button located on the scooter to turn it on. The indicator lights will illuminate. Press and hold the power button again to turn it off.

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Video 1: SIMATE Kids Scooter for All Ages. This video demonstrates the scooter's features and ease of use for children.

## 5. OPERATING INSTRUCTIONS

## 5.1 Stepping On and Off

1. Place one foot firmly on one of the footpads. The scooter will self-balance.
2. Quickly and confidently step on with your second foot.
3. To dismount, step off one foot at a time, preferably backward.



Figure 2: Easy to Use. The scooter's self-balancing system makes it simple for riders to learn and control.

## 5.2 Movement and Steering

- **Forward/Backward:** Lean slightly forward to move forward, and lean slightly backward to move backward.
- **Turning:** To turn left, press your right foot forward. To turn right, press your left foot forward.
- **Stopping:** Return to an upright, neutral position to stop.

## 5.3 Speed Modes

The scooter features three adjustable speed modes:

- **Safe Mode:** Maximum speed 5 mph (suitable for beginners).
- **Beginner Mode:** Maximum speed 6.5 mph (suitable for novices).
- **Sports Mode:** Maximum speed 7.5 mph (suitable for proficient users).

These modes can be adjusted via the SIMATE app.



Figure 3: Adjustable Speed Modes for different skill levels.

## 5.4 Bluetooth Speaker

The scooter includes a built-in Bluetooth speaker. To connect, enable Bluetooth on your mobile device and search for "SIMATE Scooter" (or similar name). Pair your device to play music while riding.



Figure 4: Built-In Bluetooth Speaker for audio playback.

## 5.5 LED Lights

The scooter features colorful LED lights on the wheels and body, enhancing visibility and adding to the riding experience. These lights can often be controlled via the mobile app.





Figure 5: Colorful LED Lights on the wheels and body.

## 6. APP CONTROL

Download the exclusive SIMATE app, "XsCar", from your device's app store. The app provides comprehensive control over your scooter, including:

- Powering the scooter on/off.
- Adjusting LED lights.
- Monitoring speed and battery power.
- Setting speed modes (Safe, Beginner, Sports).
- Additional features may include telecontrol and map functions.



Figure 6: SIMATE App Control Interface.

## 7. MAINTENANCE

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use harsh chemicals or immerse it in water.
- **Storage:** Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its lifespan. Avoid completely draining the battery.
- **Tire Inspection:** Periodically check the 6.5-inch solid rubber wheels for wear and tear.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter does not turn on.	Low battery or power button not pressed correctly.	Charge the scooter fully. Ensure the power button is pressed firmly.
Scooter is beeping.	Low battery warning or internal error.	Charge the scooter. If beeping persists after charging, contact support.
Difficulty balancing.	New user or improper foot placement.	Practice stepping on and off. Ensure feet are centered on the footpads. Start in Safe Mode.
Bluetooth speaker not connecting.	Bluetooth not enabled on device or scooter.	Ensure Bluetooth is active on both devices. Restart both devices and try pairing again.

## 9. SPECIFICATIONS

**Model Name:** RM

**Part Number:** K2

**Wheel Size:** 6.5 inches (solid rubber wheels)

**Max Speed:** 7.5 mph (3 adjustable speed modes)

**Max Range:** 7.5 miles

**Motor Power:** Two powerful 250W dual motors

**Max Load:** 220 lbs

**Max Incline:** 15-degree slope

**Material:** Aluminum, Rubber, Foam, Plastic

**Item Dimensions (LxWxH):** 24 x 8 x 8 inches

**Item Package Dimensions (LxWxH):** 24.3 x 8 x 8 inches

**Package Weight:** 6.35 Kilograms

**Special Features:** Built-In Bluetooth speaker, LED Lights, Light Up Wheels, APP Control

**Safety Certification:** UL2272 (from SGS)

**Manufacturer:** Jinhua Smart Electric Technology Co., Ltd

## 10. WARRANTY AND SUPPORT

The SIMATE 6.5-inch Bluetooth Self-Balancing Scooter comes with a **1-year warranty**. For any questions, technical support, or warranty claims, please contact SIMATE US. They provide 7\*24 hours online service to assist you with any problems.

Choosing SIMATE ensures excellent value for money with 365 days of after-sales support.

