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SIMATE P6

SIMATE P6 Hoverboard User Manual

Bluetooth All-Terrain Hover Board with LED Lights and App Control

1. Introduction

Welcome to the SIMATE P6 Hoverboard user manual. This document provides essential information for the safe operation, maintenance, and troubleshooting of your new self-balancing scooter. Please read this manual thoroughly before your first ride to ensure a safe and enjoyable experience.

2. Safety Guidelines

Your safety is paramount. Always wear appropriate safety gear, including a helmet, knee pads, and elbow pads. Ride in safe environments, away from traffic and pedestrians. Children should always be supervised by an adult.

UL 2272 Certification

The SIMATE P6 self-balancing scooter is UL2272 certified, meeting all U.S. safety standards for electrical and fire safety. This certification ensures the product has undergone rigorous testing for worry-free riding.

General Safety Tips:

- Always check the hoverboard for any damage before riding.
- Ensure the battery is adequately charged.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding on wet, uneven, or slippery surfaces.
- Maintain a safe distance from others.
- Do not attempt stunts or sudden maneuvers.

3. Product Overview

The SIMATE P6 Hoverboard is designed for an engaging riding experience, featuring robust construction and smart functionalities.



Figure 3.1: Overview of the SIMATE P6 Hoverboard components, including non-slip footpad, battery indicator light, 360° rotation axis, front light, switch and charging port, and 6.5" rubber solid wheel with LED lights.

Key Features:

- **Self-Balancing Control System:** Provides stability and ease of learning for riders of all ages.
- **Dual 250W Motors:** Delivers powerful performance for smooth rides.
- **All-Terrain Tires:** Designed for versatile use on various surfaces.
- **Built-in Bluetooth Speaker:** Connect your device to play music during your ride.
- **Bright LED Lights:** Enhances visibility and adds a fun element to your ride.
- **APP Control (XsCar App):** Manage settings, monitor performance, and customize your experience.

4. Getting Started

Unpacking

Carefully remove the hoverboard and all accessories from the packaging. Ensure all components listed in the

packing list are present and undamaged.

Charging the Battery

Before first use, fully charge the hoverboard. Connect the charger to the charging port on the hoverboard and then to a power outlet. The indicator light on the charger will change (e.g., from red to green) when charging is complete. Do not overcharge the battery.

Initial Calibration

If the hoverboard does not balance correctly, it may need calibration:

1. Place the hoverboard on a flat, level surface.
2. Ensure the hoverboard is powered off.
3. Press and hold the power button for approximately 5-10 seconds until the indicator lights flash.
4. Release the power button and power off the hoverboard.
5. Power on the hoverboard again. It should now be calibrated.

5. Operating Your Hoverboard

Basic Riding Instructions

The SIMATE P6 features a self-balancing system that makes it easy to learn and use. To ride, gently step onto the footpads one foot at a time. Lean slightly forward to move forward, lean back to move backward, and apply pressure with your feet to turn.



Figure 5.1: Visual guide on how the self-balancing system works, illustrating body posture for moving back, maintaining balance, and going forward.

App Control (XsCar App)

Enhance your riding experience by downloading the exclusive XsCar app. The app provides comprehensive control and monitoring features:

- Power on/off the hoverboard.
- Adjust LED lights.
- Monitor current speed and battery level.
- Set different speed modes.
- And more.



Figure 5.2: The XsCar app provides remote control and monitoring capabilities for your hoverboard.

Bluetooth Speaker and LED Lights

Your SIMATE P6 Hoverboard comes with a built-in Bluetooth music speaker and vibrant LED lights. To connect to the speaker, enable Bluetooth on your mobile device and pair with the hoverboard. The LED lights automatically illuminate for a safer and more enjoyable ride, especially in low-light conditions.



Figure 5.3: The hoverboard features integrated Bluetooth speakers and dynamic LED lights for an enhanced riding experience.

Speed Modes

The hoverboard offers three adjustable speed modes to suit different skill levels and preferences:

- **Safe Mode:** Ideal for beginners, offering a slower, more controlled speed.
- **Beginner Mode:** A moderate speed setting for those gaining confidence.
- **Sports Mode:** The fastest mode for experienced riders seeking maximum performance.



Figure 5.4: The SIMATE P6 Hoverboard offers three distinct speed modes for various skill levels.

6. Maintenance and Care

Cleaning

Use a soft, damp cloth to wipe down the exterior of the hoverboard. Do not use harsh chemicals or abrasive cleaners. Avoid getting water into electrical components.

Storage

Store the hoverboard in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is partially charged (around 50%) and recharge it every few months to maintain battery health.

Battery Care

- Only use the original charger provided with your hoverboard.
- Do not expose the battery to fire or extreme heat.
- If the battery is damaged or leaking, discontinue use immediately and contact support.

7. Troubleshooting

Here are some common issues and potential solutions:

Problem	Possible Cause	Solution
Hoverboard not turning on	Low battery; Power button issue	Charge the hoverboard; Ensure power button is pressed firmly.
Hoverboard not balancing	Needs calibration	Perform initial calibration as described in Section 4.
Bluetooth not connecting	Bluetooth not enabled; Device too far	Ensure Bluetooth is on and hoverboard is in pairing mode; Keep device close.

Problem	Possible Cause	Solution
Reduced range/speed	Low battery; Overweight rider; Riding uphill	Fully charge battery; Ensure rider weight is within limits; Avoid steep inclines.

8. Specifications

Below are the technical specifications for the SIMATE P6 Hoverboard:

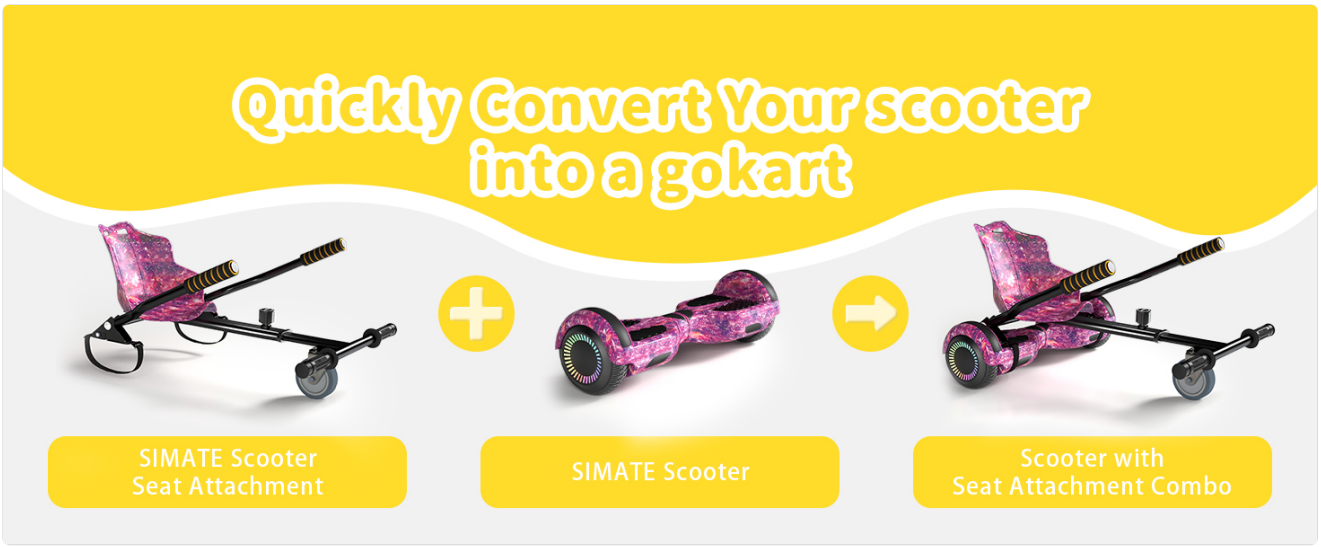


Figure 8.1: Key performance specifications of the SIMATE P6 Hoverboard.

- **Model Name:** P6
- **Brand:** SIMATE
- **Color:** Green (variant shown in product details)
- **Wheel Size:** 6.5 inches
- **Maximum Speed:** 7.5 mph (3 adjustable speed modes)
- **Maximum Range:** 7.5 miles
- **Maximum Load:** 220 lbs
- **Motor Power:** Dual 250W motors
- **Climbing Angle:** Up to 15 degrees
- **Frame Material:** Aluminum
- **Wheel Material:** Rubber
- **Dimensions (L x W x H):** 23"L x 7.08"W x 7.08"H
- **Safety Certification:** UL 2272
- **Special Features:** Built-in Bluetooth speaker, LED lights, App control

9. Warranty and Support

Warranty Information

The SIMATE P6 Hoverboard comes with a 2-year protection plan available for purchase, offering extended coverage for your product. Please refer to your purchase documentation for specific warranty terms and conditions.

Customer Support

For any questions, concerns, or technical assistance, please contact SIMATE US customer support. They provide 7*24 hours online service and 365 days after-sales support.



Figure 9.1: SIMATE offers dedicated customer support for all inquiries.

Official Product Video

Watch this official video from SIMATE US for an overview of the SIMATE Kids Scooter, which shares similar features and operation to the P6 Hoverboard.

Your browser does not support the video tag.

Video 9.1: An official video from SIMATE US showcasing the features and fun of their kids' scooters, including hoverboards.

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