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Segway-Ninebot S-PRO

Segway-Ninebot S-PRO Electric Self-Balancing Scooter User Manual

Model: S-PRO

Features	Setup	Operation	Introduction Maintenance	Safety Guidelines Troubleshooting	Product Specifications	Warranty	Support
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1. INTRODUCTION

The Segway-Ninebot S-PRO is an innovative electric self-balancing mobility device designed for intuitive operation through subtle body movements. Its compact design does not compromise performance, offering an impressive range of up to 30 km on a single charge. The integrated automatic learning system continuously analyzes riding data to enhance both rider comfort and overall safety. Advanced features include smartphone app connectivity, allowing users to customize LED lighting, engage remote control functions, and access diagnostic information, providing a versatile and enjoyable experience.

This manual provides essential information for the safe and effective use of your S-PRO. Please read it thoroughly before your first ride and keep it for future reference.



Segway-Ninebot

S - PRO

新しいライディング体験

Smart
Mobility

30 km

航続距離

18 km/h

最高速度

4 h

充電時間

15°

最大登坂角度

Image: The Segway-Ninebot S-PRO electric self-balancing scooter, showcasing its design and key performance metrics like range, speed, and charging time.

2. SAFETY GUIDELINES

Your safety is paramount. Adhere to the following guidelines to prevent accidents and ensure a safe riding experience:

- **Public Road Usage:** Operation of the Segway-Ninebot S-PRO on public roads, including sidewalks and roadways, is strictly prohibited. This device is intended for use on private property only.
- **Protective Gear:** Always wear a helmet and appropriate protective gear (such as knee and elbow pads) when operating the S-PRO.
- **Surface Conditions:** Do not ride the S-PRO on wet, slippery, or rough surfaces. Avoid inclines greater than 15 degrees and obstacles higher than 1 cm.
- **Initial Speed Limit:** For safety, the S-PRO has a speed limit upon initial unboxing. This limit can be adjusted or removed via the dedicated smartphone application after familiarization.
- **Age and Weight Restrictions:** Suitable for users aged 16 years and above, with a height between 120-200 cm and a weight

between 40-100 kg.

- **Environmental Conditions:** Avoid riding in extreme weather conditions, such as heavy rain, snow, or strong winds.
- **Awareness:** Always be aware of your surroundings and other individuals or obstacles.



Image: A visual representation of important safety cautions for the Segway-Ninebot S-PRO, highlighting restrictions and recommendations.

3. PRODUCT FEATURES

3.1. Innovative Operation

The S-PRO utilizes advanced Leansteer® technology, allowing riders to control movement (forward, backward, left, and right) simply by shifting their body's center of gravity. This provides an intuitive and engaging riding experience.

01

革新的な操作性

革新的なLeansteer®テクノロジーは、手を使わずに脚と身体の重心移動だけで前進、後退、左右への方向転換をコントロールできます。新感覚の操作性で楽しく快適に乗り回せる、近未来のモビリティです。



02

イージーライド

ハンズフリーの新感覚で楽しめる乗り物でありながら、初心者でも少しの練習時間で乗り方をマスターできます。多数の精密センサーがライダーのわずかな動作も感知し、毎秒200回の速度でバランス調整のサポートを行います。

Image: A person riding the Segway-Ninebot S-PRO, illustrating the innovative body-lean steering mechanism.

3.2. Easy Ride for Beginners

Designed for ease of use, the S-PRO is a hands-free mobility device that beginners can master with minimal practice. Multiple precision sensors detect even slight movements, providing continuous balance support at 200 times per second.

03

自動学習システム

あなたが乗車スキルを上達させるように、S-PROも常に学習しています。体重センサーやスピードセンサー、電流センサーなどからあなたの走行データを分析し、車体を調節しながら操作のしやすさと安全性を高めます。



04

エルゴノミクス

人間工学に基づいて設計されたフットコントロールパッドは、脚の内側に最大の曲率半径を提供し、普段立っているときと同じような感覚で乗ることができます。バーの高さも調整可能で、快適な乗り心地を追求できます。

Image: A person riding the Segway-Ninebot S-PRO hands-free, highlighting its ease of use and self-balancing capabilities.

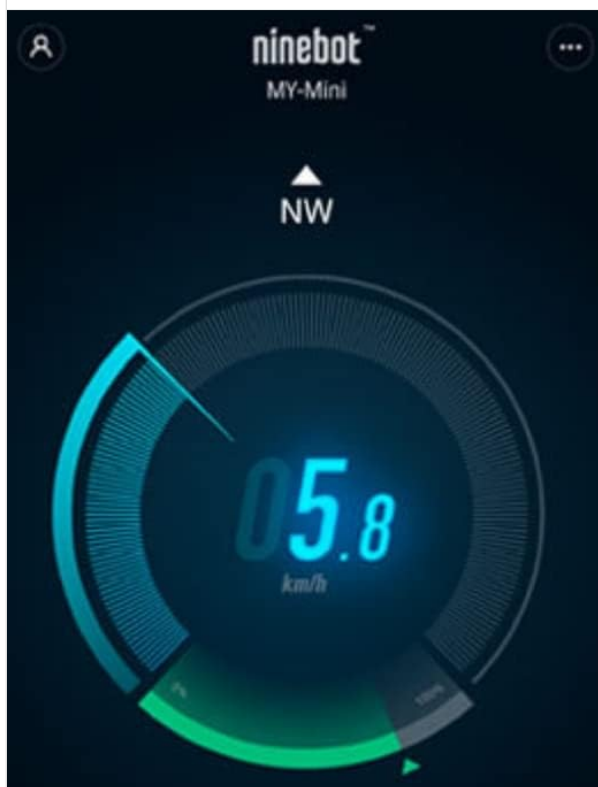
3.3. Automatic Learning System

The S-PRO features an automatic learning system that continuously analyzes your riding data, including weight, speed, and current sensors. This system adapts and optimizes the device's performance to enhance both usability and safety as you improve your riding skills.

05

セーフティライト

暗所での走行を考え、自動車を参考に各種ライトを搭載しています。前方は最大5m先まで照らすことができ、リアライトは通常時にブルー、減速時にレッドのカラーで点灯します。左右への回転時は方向指示器の役割を果たします。



06

アプリで機能拡張

スマートフォンのアプリとBluetooth®で接続することで、S-PROを更に便利に楽しくご使用いただけます。各種走行データの確認やリモート操作、LEDライトのカラー設定、車両の状態診断など、様々な機能を利用できます。

Image: Two individuals riding Segway-Ninebot S-PROs, demonstrating the device's ability to adapt to different riders and improve performance over time.

3.4. Ergonomic Design

The ergonomically designed foot control pads provide maximum curvature radius on the inner side of the legs, offering a comfortable and natural riding posture similar to standing. The height of the control bar is also adjustable, allowing for personalized comfort.

07

リモート操作

スマートフォンアプリとBluetoothで接続し、無人状態のS-PROをリモート操作して遊ぶことが可能です。まだS-PROに乗れない年齢のお子様や、ペットと遊ぶ際にオススメの機能です。



08

ハイポータビリティ

軽量でコンパクトに設計されたS-PROは、車のトランクに積んで容易に持ち運ぶことができます。ハイポータビリティ実現のため、航空機にも使用されるマグネシウム合金をフレームに採用し、堅牢で軽量のボディを実現しました。

Image: A detailed view of the Segway-Ninebot S-PRO's foot control pads and adjustable steering bar, emphasizing its ergonomic design.

3.5. Safety Lights

Equipped with various lights for visibility in dark conditions, inspired by automotive lighting. The front light can illuminate up to 5 meters ahead. The rear lights glow blue during normal operation and turn red when braking. They also function as turn indicators when turning left or right.

SPEC

商品仕様

本体サイズ	W546 x D262 x H611 - 866mm
本体重量	約12.8kg
最高速度	約18km/h
航続可能距離	約30km
充電時間	約4時間
適用年齢	16歳以上
適応身長	120 - 200cm
制限重量	40 - 100kg
最大登坂角度	約15°
防水・防塵レベル	IP54
制動距離	乾いた道で3.4m
最大トルク	70Nm
モーター定格電力	400W x 2
モーター最大出力	2100W

Image: The Segway-Ninebot S-PRO displaying its front white lights and rear red lights, indicating enhanced safety features for visibility.

3.6. App Connectivity

Connect your S-PRO to a smartphone app via Bluetooth to unlock extended functionalities. This includes customizing LED light colors, monitoring riding data, performing vehicle diagnostics, and more, enhancing your overall experience.

CAUTION

注意事項

- 日本での公道(歩道・車道含む)走行は禁止されています。
私有地でのみの使用に限定しています。
- 走行時に必ずヘルメット・プロテクターを着用してください。
- 開封時は安全の為に速度を制限しています。
スマートフォンの専用アプリより解除することができます。
- 商品改善により、商品の見た目や仕様を若干変更することがあります。

Image: A smartphone screen showing the Segway-Ninebot app, connected to the S-PRO, with a digital speedometer and control options.

3.7. Remote Control

The smartphone app also enables remote control of the S-PRO, allowing you to move it without a rider. This feature is particularly useful for younger children or pets to interact with the device under supervision, or for maneuvering it into tight spaces.



Image: A person using a smartphone to remotely control the Segway-Ninebot S-PRO, demonstrating the app's remote operation feature.

3.8. High Portability

The S-PRO is designed to be lightweight and compact, making it easy to transport and store, for example, in a car trunk. Its robust yet light magnesium alloy frame, also used in aircraft, contributes to its high portability.



Image: The Segway-Ninebot S-PRO neatly stored in the trunk of a car, showcasing its compact design and high portability.

4. SETUP

4.1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Inspect the S-PRO for any signs of damage during transit. Ensure all accessories, including the charger and user manual, are present.

4.2. Charging the Device

Before first use, fully charge your S-PRO. Connect the charger to the charging port on the device and then to a power outlet. The charging indicator will show the charging status. A full charge typically takes approximately 4 hours.

- **Charging Indicator:** Refer to the device's indicator lights for battery status. A red light usually indicates low battery, while a green light signifies a full charge.
- **First Charge:** It is recommended to fully charge the device before its initial use to optimize battery life.

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off

To power on the S-PRO, press the power button. The device will self-balance and the indicator lights will illuminate. To power off, press and hold the power button until the lights turn off.

5.2. Basic Riding

Step onto the footpads one foot at a time. The S-PRO will automatically balance. Lean your body slightly forward to move forward, and lean backward to slow down or move in reverse. To turn, gently lean left or right. Practice in an open, safe area until you are comfortable with the controls.

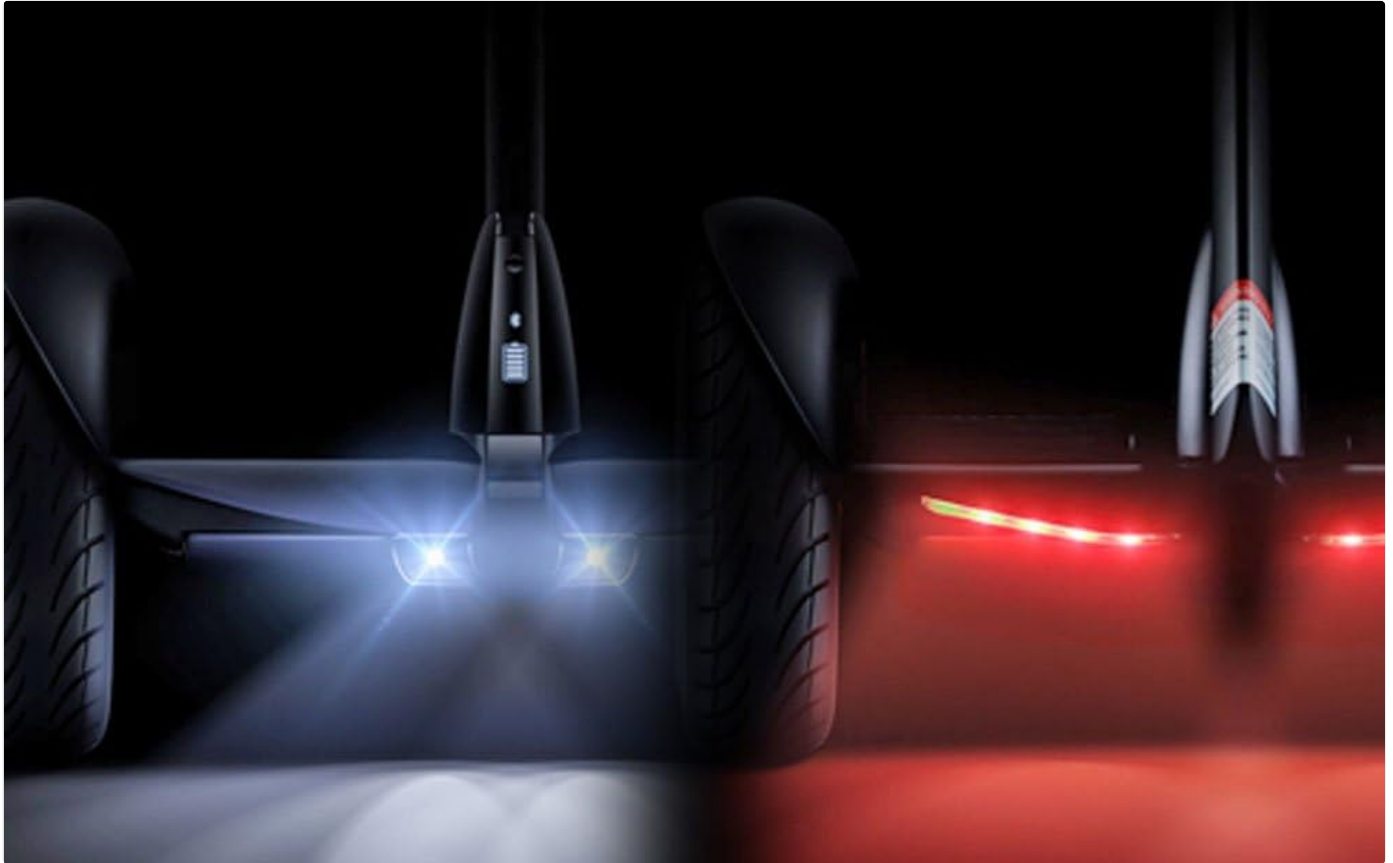


Image: A man actively riding the Segway-Ninebot S-PRO on a paved outdoor path, showcasing the device in motion.

5.3. Using the Smartphone App

Download the official Segway-Ninebot app from your device's app store. Pair your S-PRO via Bluetooth. The app allows you to:

- Monitor speed, battery level, and mileage.
- Customize LED lighting colors.
- Engage remote control mode.
- Perform firmware updates and diagnostics.
- Adjust speed limits and riding modes.



Image: Three individuals enjoying a ride on their Segway-Ninebot S-PROs in a spacious outdoor environment.

6. MAINTENANCE

6.1. Cleaning

Regularly clean your S-PRO with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish. Do not use high-pressure water jets.

6.2. Storage

Store the S-PRO in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is charged to approximately 50-70% and recharge it every few months to prevent deep discharge.



Image: The Segway-Ninebot S-PRO is shown stored in the trunk of a car, highlighting its compact design for easy transport and storage.

6.3. Battery Care

To maximize battery lifespan, avoid completely draining the battery frequently. Charge the device only with the provided official charger. Do not attempt to open or modify the battery pack.

7. TROUBLESHOOTING

If you encounter issues with your S-PRO, refer to the following common troubleshooting steps:

- **Device Not Turning On:** Ensure the battery is charged. Connect the charger and check if the indicator light shows charging.
- **Loss of Balance:** If the device is not balancing correctly, power it off and on again. Ensure you are on a flat, stable surface. If the issue persists, recalibration via the app may be necessary.
- **App Connectivity Issues:** Ensure Bluetooth is enabled on your smartphone and the S-PRO is powered on. Try restarting both the app and the device.
- **Unusual Noises or Vibrations:** Immediately stop using the device and inspect for any visible damage or loose parts. Contact customer support if the issue cannot be identified or resolved.
- **Speed Limit Not Unlocked:** Ensure the smartphone app is correctly connected and follow the instructions within the app to unlock the speed limit.

8. SPECIFICATIONS

Key technical specifications for the Segway-Ninebot S-PRO:



Image: A table detailing the product specifications of the Segway-Ninebot S-PRO, including dimensions, weight, and performance metrics.

Feature	Detail
Brand	Segway-Ninebot
Model Name	S-PRO
Product Type	Balance Mobility Scooter
Continuous Range	Up to 30 km
Maximum Speed	18 km/h
Climbing Angle	Up to 15°
Applicable Age	16 years and above
Applicable Height	120-200 cm
Weight Limit	40-100 kg
Motor Rated Output	800W (2 x 400W)
Motor Maximum Output	2100W
Tire Size	10.5 inches

Water/Dust Resistance	IP54
Product Weight	12.8 kg
Material	Magnesium Alloy

9. WARRANTY INFORMATION

The Segway-Ninebot S-PRO comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage resulting from misuse, accidents, unauthorized modifications, or failure to follow the instructions in this manual.

10. CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact Segway-Ninebot customer support. Refer to the contact information provided in your product packaging or visit the official Segway-Ninebot website for the most up-to-date support details.

Always provide your product model (S-PRO) and serial number when contacting support to ensure efficient service.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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