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Segway E2 Plus, 80Six Helmet

Segway Ninebot E2 Plus Electric KickScooter and 80Six Dual Certified Helmet User Manual

Model: E2 Plus, 80Six Helmet



1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and care of your Segway Ninebot E2 Plus Electric KickScooter and 80Six Dual Certified Helmet. Please read this manual thoroughly before first use to ensure proper assembly, operation, and to understand all safety warnings.

2. SAFETY INFORMATION

Always prioritize safety when operating the kickscooter and wearing the helmet. Failure to follow safety instructions can result in serious injury or property damage.

2.1 General Safety Guidelines

- Always wear the 80Six Dual Certified Helmet and other protective gear (knee pads, elbow pads) when riding the kickscooter.
- Ensure all components are securely fastened before each ride.
- Do not ride in wet conditions, on slippery surfaces, or in heavy rain.
- Adhere to local traffic laws and regulations.
- Avoid riding under the influence of alcohol or drugs.
- Maintain a safe distance from other vehicles and pedestrians.
- The kickscooter is designed for one rider only. Do not carry passengers.
- The helmet is certified for persons age 5 and older. Ensure proper fit for optimal protection.

2.2 KickScooter Specific Warnings

- Max speed and range per charge vary based on rider weight, riding surface, incline, ambient temperature, battery level, and riding style.
- Do not exceed the maximum load capacity of 198 lbs (90 kg).
- Avoid sudden braking at high speeds.
- Be aware of your surroundings and potential hazards.

2.3 Helmet Specific Warnings

- This helmet is designed to absorb the energy of a single impact. After any significant impact, the helmet should be replaced, even if no visible damage is apparent.
- Do not modify or paint the helmet, as this may compromise its protective capabilities.
- Ensure the chin strap is securely fastened and adjusted for a snug fit.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package.

- Segway Ninebot E2 Plus Electric KickScooter (Main body, handlebar, charger)
- 80Six Dual Certified Kids Bike, Scooter, and Skateboard Helmet
- User Manual (this document)
- Necessary assembly tools (if applicable)



Image: The Segway Ninebot E2 Plus Electric KickScooter and the 80Six Dual Certified Helmet, as included in the package.

4. SETUP AND ASSEMBLY

4.1 Segway Ninebot E2 Plus KickScooter Assembly

1. **Unfold the KickScooter:** Carefully lift the stem until it locks into the upright position.
2. **Attach the Handlebar:** Connect the handlebar to the stem, ensuring the cables are not pinched. Secure it with the provided screws and tools.
3. **Initial Charge:** Before first use, fully charge the kickscooter battery. Connect the charger to the charging port and then to a power outlet. The indicator light on the charger will change when fully charged.







Image: The Segway Ninebot E2 Plus Electric KickScooter in its assembled state, ready for use.

4.2 80Six Dual Certified Helmet Fitment

- 1. Measure Head Circumference:** Use a string to measure the circumference of the head, just above the eyebrows. Refer to the size chart below to select the appropriate helmet size.
- 2. Position the Helmet:** Place the helmet squarely on the head, ensuring it covers the forehead. It should not tilt back or forward.
- 3. Adjust Straps:** Adjust the side straps so they form a "V" shape just below the ears.
- 4. Secure Chin Strap:** Fasten the chin strap buckle and tighten it until it is snug but comfortable. You should be able to fit one or two fingers between the strap and your chin.
- 5. Check Fit:** Shake your head. The helmet should not shift significantly. If it does, readjust the straps.

The helmet features an ABS outer shell for durability and protection, and an EPS liner with inner foam pads that mold to the head for a comfortable fit.

3 LAYERS OF COMFORT AND PROTECTION

1 DURABLE ABS OUTER SHELL WITH VENTILATION

2 IMPACT ABSORBENT EPS FOAM LAYER

3 COMFORT FIT PADS



Image: The 80Six Dual Certified Helmet, showcasing its design and fit.

MULTI-SPORT PROTECTION



Image: Diagram illustrating the three layers of comfort and protection within the 80Six helmet: durable ABS outer shell, impact absorbent EPS foam layer, and comfort fit pads.

Helmet Size Chart

Size	Age Range	Head Size (cm)	Head Size (in)
Junior	5+ Years	49-52	19.25-20.5
Small/Medium	8+ Years	52-56	20.5-22
Medium/Large	14+ Years	55-58	21.7-22.8

5. OPERATING INSTRUCTIONS

5.1 Segway Ninebot E2 Plus KickScooter Operation

1. **Power On/Off:** Press the power button to turn the kickscooter on. Press and hold to turn it off.

2. **Start Riding:** Place one foot on the deck and push off with the other foot. Once you gain a little speed, gently press the accelerator lever.
3. **Speed Control:** Use the accelerator lever to control your speed. The kickscooter features a 300W brushless motor (Max. Power 500W) for speeds up to 15.5 MPH.
4. **Braking:** The kickscooter is equipped with an Electronic + Drum Brake system. Apply the brake lever gently to slow down or stop. The rear brake light will illuminate when braking.
5. **Dashboard:** The large dashboard provides clear visibility of speed and battery level.

Dual Brake System for your safety!

Electronic + Drum Brake



Image: Illustration of the Segway Ninebot E2 Plus KickScooter's dual brake system, featuring both electronic and drum brakes for enhanced safety.

5.2 80Six Dual Certified Helmet Usage

The 80Six helmet is designed for multi-sport protection, including biking, skateboarding, rollerblading, inline skating, longboarding, hoverboarding, and scootering. Always ensure the helmet is worn correctly and securely fastened for maximum protection.



Image: A collage demonstrating the 80Six helmet's versatility for various sports, including biking, skateboarding, rollerblading, and scootering.

6. MAINTENANCE

6.1 Segway Ninebot E2 Plus KickScooter Maintenance

- **Cleaning:** Wipe the kickscooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water. The kickscooter has an IPX4 water-resistant rating, meaning it is resistant to splashing water from any direction.

- **Tire Care:** The 8.1-inch shock-absorbing tires are designed for low maintenance. Regularly inspect them for wear and tear.
- **Brake Inspection:** Periodically check the functionality of the electronic and drum brakes. Ensure they respond effectively.
- **Battery Care:** Store the kickscooter in a cool, dry place. If storing for extended periods, charge the battery to approximately 50-70% every 30-60 days to prolong battery life.
- **General Inspection:** Regularly check all screws and fasteners to ensure they are tight. The automotive-grade steel frame is subjected to a 3000km road test for durability.

Brand New 8.1" Hollow-Out Tires

Maintenance Free
Shock Absorption



Image: Close-up of the Segway Ninebot E2 Plus KickScooter's 8.1-inch hollow-out tires, designed for maintenance-free shock absorption.

6.2 80Six Dual Certified Helmet Maintenance

- **Cleaning:** Clean the helmet shell with a soft cloth and mild soap and water. Do not use harsh chemicals or abrasive cleaners.
- **Pad Care:** The inner foam pads can be removed and hand-washed with mild soap and water, then air-dried.
- **Storage:** Store the helmet in a cool, dry place away from direct sunlight and extreme temperatures.

- **Inspection:** Regularly inspect the helmet for any signs of damage, cracks, or wear to the shell, liner, or straps. Replace the helmet immediately if any damage is found or after any significant impact.

7. TROUBLESHOOTING

7.1 Segway Ninebot E2 Plus KickScooter Troubleshooting

Problem	Possible Cause	Solution
KickScooter does not power on	Low battery; Power button not pressed correctly	Charge the battery; Press and hold the power button firmly.
Reduced range or speed	Low battery; Heavy load; Uphill riding; Cold temperature; Aggressive riding style	Fully charge battery; Reduce load; Ride on flat terrain; Ride in moderate temperatures; Adopt a smoother riding style.
Brakes feel unresponsive	Brake system requires adjustment or inspection	Inspect brake cables and levers; Consult a qualified technician if issues persist.

7.2 80Six Dual Certified Helmet Troubleshooting

Problem	Possible Cause	Solution
Helmet feels loose	Straps not adjusted correctly; Incorrect size	Re-adjust chin and side straps for a snug fit; Refer to the size chart and ensure you have the correct size.
Discomfort when wearing	Improper fit; Pads misaligned	Ensure helmet is positioned squarely; Adjust or re-position inner foam pads.

8. SPECIFICATIONS

8.1 Segway Ninebot E2 Plus Electric KickScooter

- **Model Name:** Segway Ninebot E2 Plus
- **Motor Power:** 300W (Max. Power 500W)
- **Max Range:** Up to 15.5 miles (25 km)
- **Max Speed:** Up to 15.5 MPH (25 km/h)
- **Tires:** 8.1-inch Shock-Absorbing Tires
- **Braking System:** Electronic + Drum Brake
- **Water Resistance:** IPX4
- **Max Load Capacity:** 198 lbs (90 kg)
- **Frame Material:** Automotive-grade steel

8.2 80Six Dual Certified Kids Bike, Scooter, and Skateboard Helmet

- **Brand:** 80Six
- **Color:** Gray Matte
- **Age Range:** 8+ Years (Small/Medium size)
- **Outer Material:** Acrylonitrile Butadiene Styrene (ABS)

- **Inner Material:** Expanded Polystyrene (EPS)
- **Certifications:** U.S. CPSC Safety Standard for Bicycle Helmets for Persons Age 5 and Older, ASTM F-1492
- **Special Features:** Lightweight, Ventilation
- **Recommended Uses:** Cycling, Inline Skating, Skateboarding, Scootering, Rollerblading, Longboarding, Hoverboarding

9. WARRANTY AND SUPPORT

9.1 80Six Dual Certified Helmet Warranty

The 80Six Dual Certified Helmet comes with a manufacturer's 180-day limited warranty. Please retain your proof of purchase for warranty claims. For warranty service or support, please contact the manufacturer directly.

9.2 General Support

For further assistance, technical support, or inquiries regarding your Segway Ninebot E2 Plus Electric KickScooter or 80Six Dual Certified Helmet, please refer to the official brand websites or contact their customer service departments. Always provide your product model and purchase date when seeking support.

Visit the official Segway Store: [Segway Store on Amazon](#)

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This manual is for informational purposes only. Product specifications are subject to change without notice.