1PLUS CS-518

1PLUS Electric Scooter CS-518 User Manual

Model: CS-518

Introduction

Thank you for choosing the 1PLUS Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your scooter. Please read it thoroughly before your first ride to ensure optimal performance and safety.



Image: The 1PLUS Electric Scooter, featuring its sleek black design, 10-inch solid tires, and sturdy frame.

Safety Information

Operating an electric scooter carries inherent risks. To minimize these risks, always adhere to the following safety guidelines:

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads).
- Ensure the scooter is fully charged and all components are securely fastened before each ride.
- Do not ride in heavy rain, snow, or on icy surfaces.
- Obey all local traffic laws and regulations.
- Avoid riding on uneven terrain or over large obstacles.
- Do not allow children under the age of 16 to operate the scooter.
- Maintain a safe distance from pedestrians and other vehicles.
- Do not perform stunts or dangerous maneuvers.
- Maximum load capacity is 220 lbs (100 kg). Do not exceed this limit.

Setup

1. Unfolding the Scooter

The 1PLUS Electric Scooter features a one-step folding system for easy portability and storage. To unfold:

1. Place the scooter on a flat surface.
2. Locate the folding mechanism latch near the base of the handlebar stem.
3. Release the latch and carefully lift the handlebar stem until it locks into the upright position. Ensure it clicks securely.
4. Adjust the handlebar height if necessary by loosening the quick-release clamp, extending the stem, and then re-tightening the clamp.



Image: The 1PLUS Electric Scooter in its folded state, illustrating its compact dimensions (19.6 inches height, 42.9 inches length) for easy storage in car trunks or public transport.

2. Initial Charging

Before your first ride, fully charge the scooter's battery. This helps prolong battery life and ensures optimal performance.

- Connect the charger to the charging port on the scooter.
- Plug the charger into a standard wall outlet.
- The indicator light on the charger will change (e.g., from red to green) when charging is complete.
- Charging time may vary, but typically takes several hours for a full charge.

Operating Instructions

1. Starting the Scooter

To engage the motor and begin riding:

1. Turn on the scooter by pressing the power button. Check the power indicator on the display.
2. Step onto the deck with one foot.
3. Slowly kick off with your other foot to gain initial momentum.
4. Once the scooter is moving at approximately 1.86 mph (3 km/h), place both feet on the deck and gently press the accelerator to engage the motor.



Image: An adult rider demonstrating the use of the 1PLUS Electric Scooter in an urban environment, highlighting its suitability for commuting.

2. Riding Modes

The 1PLUS Electric Scooter offers multiple riding modes to suit different preferences and conditions. These modes can be selected via the control panel on the handlebar.



Image: Close-up of the 1PLUS Electric Scooter's handlebar, showing the integrated LED display and controls for selecting riding modes and monitoring speed and battery life.

- **Eco Mode:** For extended range and energy efficiency.
- **Standard Mode:** Balances speed and battery life for daily commuting.
- **Sport Mode:** Provides maximum speed (up to 19 mph) and acceleration for dynamic riding.

3. Braking System

The scooter is equipped with a dual braking system for reliable stopping power:

- **Disc Braking:** Located on the rear wheel for strong mechanical stopping.
- **eABS Regenerative Anti-lock Braking:** Provides electronic braking and helps recharge the battery during deceleration.

4. Integrated Lighting System

For enhanced visibility and safety, especially during low-light conditions, the scooter features an integrated lighting system.



Image: Illustration of the 1PLUS Electric Scooter's integrated lighting system, showing the bright front LED headlight and the rear brake light for improved visibility.

- **Front Headlight:** Provides illumination for the path ahead.
- **Rear Brake Light:** Illuminates when braking, signaling to others.

5. Smart Features and Mobile App Connectivity

The 1PLUS Electric Scooter can connect to a mobile application via Bluetooth, offering additional functionalities:

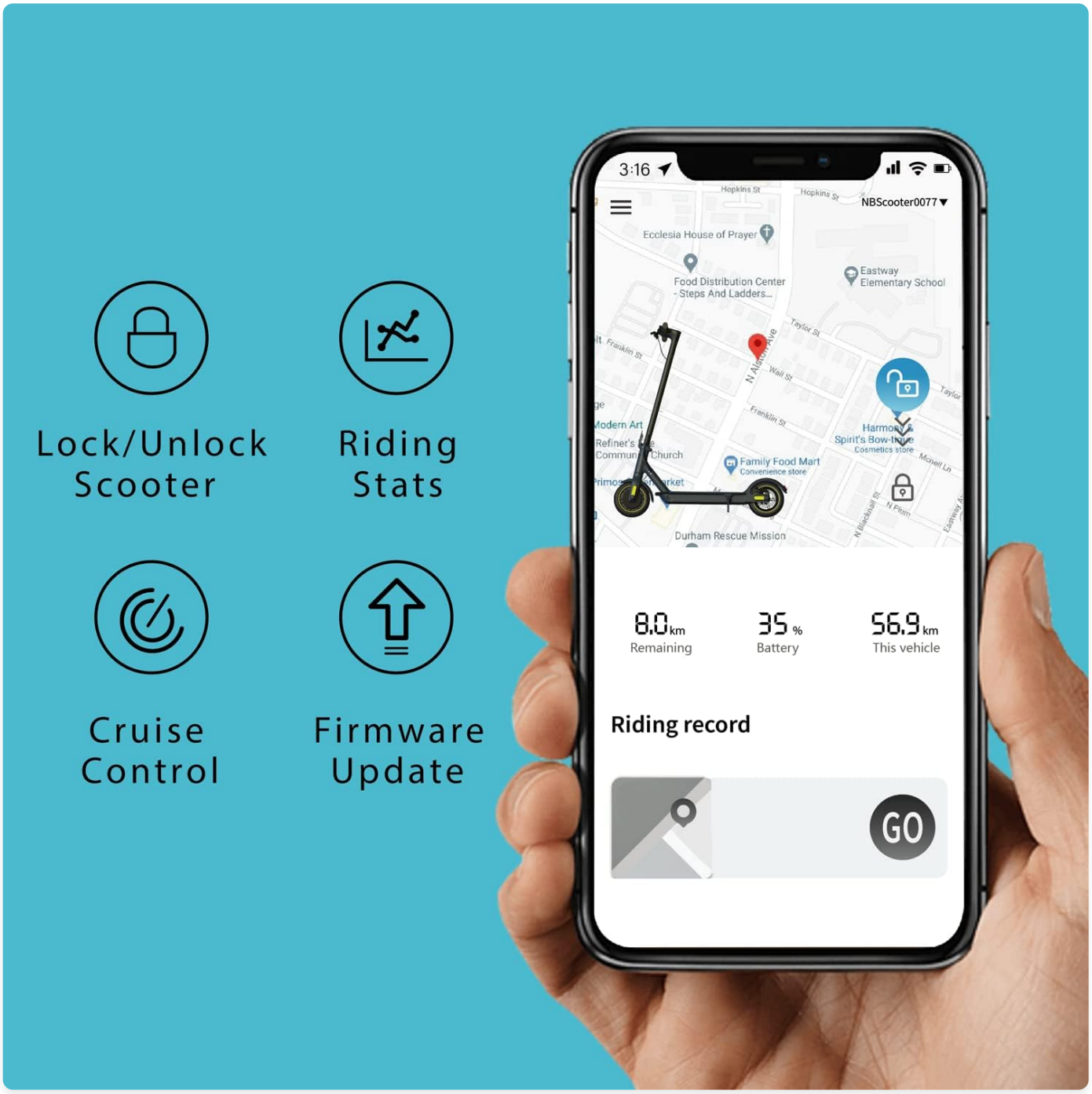


Image: A smartphone screen displaying the 1PLUS Electric Scooter's mobile application interface, showing features like scooter lock/unlock, riding statistics, cruise control, and firmware updates.

- **Lock/Unlock Scooter:** Secure your scooter remotely.
- **Riding Statistics:** View real-time data such as distance traveled, speed, and battery level.
- **Cruise Control:** Activate and manage cruise control settings.
- **Firmware Updates:** Receive and install software updates for improved performance and features.

Maintenance

Regular maintenance ensures the longevity and safe operation of your 1PLUS Electric Scooter.

1. Battery Care

- Charge the battery regularly, even if the scooter is not in use, to prevent deep discharge.
- Avoid completely draining the battery before recharging.

- Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

2. Tire Inspection

The scooter is equipped with 10-inch solid tires, which require less maintenance than pneumatic tires. However, regular inspection is still important:

- Check tires for any signs of wear, cracks, or damage.
- Ensure no debris is lodged in the tire treads.



Image: A cutaway view illustrating the powerful 500W brushless hub motor integrated into the rear wheel of the 1PLUS Electric Scooter, alongside the durable 10-inch solid tire.

3. Cleaning

- Wipe the scooter with a damp cloth after use.
- Do not use high-pressure water jets or immerse the scooter in water.
- Avoid using abrasive cleaners that could damage the finish.

4. General Inspection

- Regularly check all screws and bolts for tightness.
- Inspect the braking system for proper function and wear.
- Ensure the folding mechanism operates smoothly and locks securely.

Troubleshooting

This section addresses common issues you might encounter with your 1PLUS Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not turn on.	Low battery; Power button not pressed correctly; Internal fault.	Charge the battery; Press and hold the power button; Contact customer support.
Motor does not engage.	Scooter not moving at required initial speed; Accelerator fault.	Ensure scooter is moving at least 1.86 mph (3 km/h) before pressing accelerator; Check accelerator connection; Contact customer support.
Reduced range or speed.	Low battery; Overload; Riding uphill; Cold weather.	Fully charge battery; Reduce load; Avoid steep inclines; Battery performance may be reduced in cold temperatures.
Brakes feel loose or ineffective.	Brake cable needs adjustment; Brake pads worn.	Adjust brake cable tension; Replace brake pads if worn; Consult a qualified technician.

If you encounter issues not listed here or require further assistance, please contact 1PLUS customer support.

Specifications

Feature	Detail
Brand	1PLUS
Model Name	CS-518
Motor Power	500W Brushless Hub Motor
Max Speed	Up to 19 mph (30.5 km/h)
Max Range	Up to 17.5 miles (28 km) under specific conditions
Tire Type	10-inch Solid Tires
Braking System	Disc Braking & eABS Regenerative Anti-lock Braking
Max Load	220 lbs (100 kg)
Special Features	Foldable, Portable, LED Display, Bluetooth Connectivity, Cruise Control, Mobile App

Feature	Detail
Suspension Type	Dual Suspension (rear)
UPC	755918130669

Warranty and Support

Warranty Information

1PLUS scooters are designed for sturdy and powerful performance. The product comes with a warranty:

- One-year warranty for certain parts.
- 180-day warranty for other specific parts.

Please refer to the detailed warranty information provided with your purchase or contact customer support for specifics regarding different components.

Customer Support

For technical assistance, warranty claims, or any questions regarding your 1PLUS Electric Scooter, please contact our customer support team:

- **Email:** support@1plus.com
- **Phone:** 1-800-XXX-XXXX (Available Monday-Friday, 9 AM - 5 PM EST)
- **Website:** www.1plus.com/support

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question