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Metro Mobility M1

Metro Mobility 4-Wheel Electric Scooter M1 User Manual

Model: M1

1. Introduction

This manual provides essential information for the safe and effective operation, maintenance, and care of your Metro Mobility 4-Wheel Electric Scooter, Model M1. This scooter is designed to provide mobility assistance for adults and seniors, offering a stable and comfortable ride with a maximum weight capacity of 300 pounds and a range of approximately 10 miles per charge. Please read this manual thoroughly before using the scooter to ensure proper understanding of its features and functions.

2. Safety Information

Your safety is paramount. Adhere to all safety guidelines to prevent injury or damage to the scooter.

- **Weight Capacity:** Do not exceed the maximum weight capacity of 300 pounds (136 kg).
- **Lighting:** Utilize the integrated headlights and rear brake lights when operating in low-light conditions or at night to enhance visibility and safety.
- **Braking:** The scooter features an automatic braking mechanism. Ensure the braking system is functioning correctly before each use.
- **Stability:** The scooter is equipped with anti-tipping wheels to provide additional stability. Always operate the scooter on stable surfaces and avoid sharp turns at high speeds.
- **Terrain:** Exercise caution when navigating various terrains. Avoid excessively steep slopes, uneven surfaces, or soft ground that could compromise stability.
- **Disassembly/Assembly:** Follow instructions carefully during disassembly and assembly to prevent injury or damage.
- **Battery:** Only use the charger provided by Metro Mobility. Do not attempt to modify the battery or charging system.

3. Setup and Assembly

The Metro Mobility M1 scooter requires minimal assembly. Follow these steps for initial setup.

3.1 Unpacking

1. Carefully remove all components from the packaging.
2. Verify that all parts are present according to the packing list.

3.2 Assembly Steps

1. Attach the seat to the main frame. Ensure it is securely locked in place.
2. Insert the tiller (handlebar column) into its designated slot and secure it.
3. Connect any necessary electrical cables as indicated in the quick start guide (if provided).
4. Install the front and rear baskets, and any other accessories like the cup holder or storage box, as desired.



Image: The Quick Fold feature of the Metro Mobility M1 scooter, demonstrating how to fold and unfold the unit for transport or storage. This image shows the process of detaching the seat, folding the tiller, and the compact dimensions when folded.

3.3 Adjustments

The scooter offers adjustable components for user comfort.

- **Seat Height:** Adjust the seat height to ensure comfortable leg positioning and easy access.
- **Tiller Angle:** The tiller can be tilted to an angle that suits your arm reach and driving posture.



Image: Diagram illustrating the adjustable features of the Metro Mobility M1 scooter, including tilt-adjustable tiller and height-adjustable seat, along with key specifications like speed, weight capacity, range, and climbing ability.

4. Operating Instructions

Familiarize yourself with the control panel and operating procedures before your first ride.

4.1 Control Panel Overview



Image: Close-up view of the Metro Mobility M1 scooter's control panel, highlighting the battery level indicator, speed control dial, headlight switch, power switch, and horn button. It also shows the integral speed control lever for forward and reverse operation.

- **Power Switch:** Turns the scooter on or off.
- **Speed Control Dial:** Adjusts the maximum speed of the scooter.
- **Battery Level Indicator:** Displays the current battery charge status.
- **Headlight Switch:** Activates or deactivates the front headlight.
- **Horn Button:** Sounds the horn.
- **Speed Control Lever:** Push forward for forward motion, pull back for reverse motion. The further you push/pull, the faster the scooter moves (up to the set maximum speed).

4.2 Starting and Driving

1. Ensure the battery is fully charged.
2. Turn the power switch to the 'ON' position.
3. Adjust the speed control dial to your desired maximum speed.

4. Gently press the speed control lever to move forward or backward. Release the lever to engage the automatic brake.
5. Use the steering tiller to navigate.

4.3 Automatic Braking

The scooter is equipped with an electromagnetic brake system that automatically engages when the speed control lever is released. This provides smooth and reliable stopping power.



Image: An individual operating the Metro Mobility M1 scooter on a slight incline, illustrating the automatic braking mechanism that prevents slipping down surfaces. The image emphasizes the scooter's stability and safety features.

4.4 Navigating Terrains

The M1 scooter is designed for both indoor and outdoor use, capable of handling various common terrains.



Image: Visual representation of the Metro Mobility M1 scooter's capability to ride smoothly across various terrains, including elevators, speed bumps, grass roads, mud roads, slopes, and cobbled roads. An individual is shown riding the scooter on a cobbled path.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your scooter.

5.1 Battery Care

- Charge the battery fully after each use, especially if the battery indicator shows low charge.
- Do not allow the battery to completely discharge.
- Store the scooter with a fully charged battery if not in use for an extended period. Recharge monthly.
- Only use the provided charger.

5.2 Cleaning

- Wipe down the scooter with a damp cloth. Avoid using excessive water or harsh chemicals.
- Do not use a pressure washer or hose directly on the scooter.

5.3 Tire Inspection

- Regularly inspect the solid tires for wear or damage.
- Ensure all wheel nuts are tight.

5.4 General Check

- Periodically check all fasteners and connections for tightness.
- Ensure all lights (headlight, brake lights) are functional.

6. Troubleshooting

If you encounter issues with your scooter, refer to the following troubleshooting guide.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Scooter does not power on.	Battery is discharged or not connected. Power switch is off.	Charge the battery. Ensure battery connections are secure. Turn the power switch to 'ON'.
Scooter moves slowly or lacks power.	Low battery charge. Speed control dial set too low. Overload.	Charge the battery fully. Adjust the speed control dial to a higher setting. Reduce load on the scooter.
Brakes are not engaging properly.	Speed control lever not fully released. Brake system malfunction.	Ensure the speed control lever is fully released. If the problem persists, contact customer support.
Unusual noises during operation.	Loose components. Obstruction in wheels.	Inspect for loose parts and tighten. Check wheels for any obstructions. If noise continues, contact support.

7. Specifications

Key technical specifications for the Metro Mobility M1 Electric Scooter.

Feature	Specification
Model Number	M1
Maximum Weight Capacity	300 Pounds (136 kg)
Maximum Speed	4.97 Miles per Hour (8 KM/H)
Approximate Range per Charge	10 Miles (15-25 KM)
Wheel Size	9 Inches
Seat Height	18 Inches (Adjustable)
Turn Radius	6 Inches
Brake Style	Rear Brake (Automatic Electromagnetic)
Power Source	Battery Powered
Wheel Type	Solid Tires
Special Features	Foldable Design, Headlights, Rear Brake Lights, Anti-Tipping Wheels
Material	Metal Frame
Product Dimensions (Approx.)	39 inches (Length) x 19.7 inches (Width) x 36.6 inches (Height)

8. Warranty and Support

Metro Mobility provides a one-year warranty and technical support for the M1 Electric Scooter.

- **Warranty Period:** 1 year from the date of purchase.
- **Technical Support:** Available for all products sold.

For warranty claims, technical assistance, or any inquiries, please contact the seller, ZhuoKe selection, or Metro Mobility customer service.

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