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> Aotedor AM985 Mobility Scooter User Manual

Aotedor AM985

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MODEL: AM985

Your guide to safe and effective use of your Aotedor Mobility Scooter.

1. Introduction

The Aotedor AM985 Mobility Scooter is designed to provide reliable and convenient mobility assistance for adults and seniors. This lightweight, folding electric scooter is equipped with dual lithium batteries, offering an extended travel range and airline approval for enhanced portability. Its robust aluminum alloy frame and 4-wheel configuration ensure stability and safety across various terrains. Please read this manual thoroughly before operation to ensure proper use and maintenance.



Figure 1: Aotedor AM985 Mobility Scooter with accessories.

The image displays the Aotedor AM985 Mobility Scooter in red, highlighting its compact design and various accessories including a front basket, under-seat storage, two lithium batteries, a charger, and a dustproof cover.

2. Safety Information

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

- The scooter features rear anti-rollover wheels for enhanced stability.
- A headlight and reflective design provide multiple security guarantees, especially during night driving.
- The scooter has passed international safety certifications including CE/UDEM/UN38.3/MSDS+.

- Always ensure the manual freewheel lever is engaged in electric mode for braking. Do not use manual mode when going downhill.
- The scooter will stop automatically when the throttle control lever is released.
- Do not shut off power while the scooter is in motion, as this will engage electronic brakes and cause an abrupt stop.
- Exercise caution in crowded areas and when reversing.



Figure 2: Safe Motorized Scooter for All Terrain.

This image illustrates the Aotedor AM985 Mobility Scooter's safety features in different environments, such as navigating steep slopes with intelligent electromagnetic brakes, uneven grass with rear anti-roller wheels, crowded streets with a horn prompt, and night driving with tail light tips.



Figure 3: Night Driving Safety Escort.

The image shows the Aotedor AM985 Mobility Scooter from behind during night driving, emphasizing its bright LED headlights and reflective strip design for enhanced visibility and safety.

3. Product Overview & Components

The Aotedor AM985 is constructed from durable aluminum alloy and features a comfortable 15-inch cushioned seat. Key components include:

- **Frame:** Aluminum alloy for lightweight durability.
- **Seat Cushion:** PVC outer skin with PU foam filling for comfort.

- **Wheels:** 8-inch PU tires for stability and reliability.
- **Motor:** 24V 270W brushless motor for smooth and quiet operation.
- **Batteries:** Two 249.6WH lithium batteries.
- **Control Panel:** Intuitive display for battery level, speed mode, and controls.
- **Storage:** Waterproof front basket (12" long, 10" deep) and customized under-seat storage.

Figure 4: Scooter Components.

This diagram highlights the various components of the Aotedor AM985 Mobility Scooter, including adjustable armrests, an adjustable handlebar, a waterproof front basket, a wider 15-inch cushioned seat, a seat basket for storage, and a dustproof storage bag.

4. Setup

The Aotedor AM985 is designed for quick and easy setup and folding. It can be folded in just 3 steps without disassembly.

Folding the Scooter

The scooter features a simple folding mechanism for transport and storage. Refer to the video below for a visual guide.

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Video 1: How to fold the AM985 Mobility Scooter.

This video demonstrates the step-by-step process of folding the Aotedor AM985 Mobility Scooter for compact storage and transport.

Installing Accessories

The scooter comes with a front basket and under-seat storage. Installation is straightforward.

Your browser does not support the video tag.

Video 2: Install the Under Seat Storage.

This video provides instructions on how to install the under-seat storage compartment for the mobility scooter.

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Video 3: Install the Front Basket.

This video demonstrates the installation process for the front basket of the AM985 Mobility Scooter.

5. Operating Instructions

Follow these steps for safe and effective operation of your mobility scooter.

Starting and Driving

1. Ensure the manual freewheel lever is re-engaged to activate the drive and brake systems.
2. Verify that the seat is securely locked in position.
3. Insert the key fully into the key switch and turn it clockwise to power on the scooter. The battery condition meter will illuminate.
4. Adjust the speed dial to your desired speed. Always be aware of your surroundings and road conditions.
5. To control speed, slowly pull back the throttle control lever. Pulling the right lever moves forward, and pulling the left lever moves in reverse.

Stopping

1. Release the throttle control lever. It will automatically return to the center position, and the scooter will stop.
2. The typical braking distance is approximately 50cm. Adjust your braking distance based on driving conditions.

Manual/Electric Switching

Use the brake lever to switch modes: press the "D" gear downward for electric mode, and the "N" gear upward for manual mode. The scooter will stop when the joystick is released in any situation. Avoid using manual mode when going downhill.



Figure 5: Intuitive Control Panel.

This image provides a detailed view of the Aotedor AM985 Mobility Scooter's control panel, labeling the battery indicator, speed governor, keyhole, reverse lever, forward lever, headlight switch, and safety horn for easy operation.



Figure 6: Manual/Electric Switching Handle.

This illustration clarifies the two modes of the Aotedor AM985 Mobility Scooter: 'Push Down' for normal electric driving with the brake engaged, and 'Pull Up' for a no-brake state, which is manual mode. It also warns against using manual mode downhill.

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Video 4: Multi-scenario mobility scooter.

This video showcases the Aotedor AM985 Mobility Scooter being used in various scenarios, demonstrating its versatility and ease of use in different environments.

6. Battery Information & Charging

The Aotedor AM985 is powered by two 249.6WH lithium batteries, providing a travel range of up to 22 miles on a single charge. These batteries are TSA friendly and can be easily detached. The front battery serves as a backup.


- **Battery Type:** 2 x 249.6WH Lithium-ion.
- **Range:** Up to 22 miles.
- **Charging Time:** Typically 6-8 hours for a full charge from empty.
- **Weight:** Two batteries together weigh 8.8 lbs.



Figure 7: Detachable Lithium Batteries.


This image displays the two detachable 10.4Ah lithium batteries, indicating that only the back battery is used for operation while the front battery serves as a backup. It also highlights the 22-mile range and 4.97 mph speed.

Reviews From Aotedor Customers



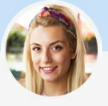
Jeanette holland
★★★★★
My mobility scooter is AWESOME !!!!!

I am very happy. Looks great. Runs great. Was able to use it right away. Easy to fold it open and closed. Definitely would recommend the scooter to anyone. Really Lightweight. I never have used the arms, so that makes it even lighter.




LWS
★★★★★
Amazing Customer Service, Great Wheelchair!

I lovethis whelchair. tis Comfortable and durable and light enough for my 81-year-old husband with a bad knee to lift in and out ofthe car.it does fairly well on gravel andgrass especially for a lightweight model. I love this wheelchair even more because AOTEDAR is CUSTOMER-CENTRIC in a world which is increasingly automated.



Kindle Customer
★★★★★
Lightweight electric transport wheelchair

This chair is easily assembled and easy to use. With two batteries there are no worries about not having enough power for any excursions. The chair folds easily and is light enough place in car for transport. It has plenty of zip to keep up with younger members of our family. I would highly recommend this wheelchair.



BVE
★★★★★
Excellent Customer Service

We bought this scooter in May, 2024 for my mom with mobility issues. She somehow lost the battery charger and the front basket within this week. Called Aotedor customer service and they were very helpful and friendly. They are sending her a replacement for charger and basket at no cost! Excellent company to purchase a mobility scooter from.

Figure 8: Long Lasting Lithium Battery.

This graphic emphasizes the long-lasting nature of the two 10.4Ah lithium batteries, detailing their 24V & 249.6Wh capacity, 22-mile range, and 10-hour run time. It reiterates that the front battery is for backup.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Aotedor AM985 Mobility Scooter. While specific detailed instructions are not provided in this manual, general care practices include:

- Keep the scooter clean and free from dust and debris. The included dustproof cover can help protect it when not in use.
- Regularly check tire pressure and condition.
- Inspect all moving parts and fasteners for tightness and wear.
- Store the scooter in a dry, cool place when not in use.
- Charge batteries as recommended to maintain their lifespan.

8. Troubleshooting

If you encounter any issues with your Aotedor AM985 Mobility Scooter, please refer to the following general advice:

- **Scooter not powering on:** Check battery connections and ensure batteries are charged. Verify the key is fully inserted and turned to the 'on' position.
- **Loss of power during operation:** The active battery may be depleted. Swap with the backup battery if available.
- **Unresponsive controls:** Ensure all connections are secure and the control panel is free from obstructions.
- For persistent issues or problems not listed here, please contact Aotedor customer service for assistance.

9. Specifications

Feature	Specification
Product Dimensions (Unfolded)	38.78"D x 19.69"W x 35.04"H
Product Dimensions (Folded)	38.78"D x 19.69"W x 13.39"H
Item Model Number	AM985

Feature	Specification
Batteries	2 Lithium Ion batteries (249.6WH each)
Frame Weight	42 lbs
Max. Recommended Weight Capacity	242 lbs
Max Speed	4.97 mph
Turning Radius	43 inches
Incline Capability	Up to 12°
Obstacle Climbing Capability	Up to 1.57 inches
Motor	24V 270W Brushless Motor
Material	Aluminum Alloy



Figure 9: Product Dimensions and Key Specifications.

This image provides a visual representation of the Aotedor AM985 Mobility Scooter's dimensions in both folded and unfolded states, alongside a list of key specifications including weight capacity, frame weight, battery weight, seat width, seat height, seat depth, and maximum speed.

10. Warranty & Support

Aotedor is committed to providing excellent customer service and product support.

Warranty Information

- **Main Body:** 5-year warranty.
- **Accessories:** Lifetime warranty.
- **Refund/Replacement:** 30-day refund or replacement policy.

Customer Support

Our U.S.-based customer service team is available to assist you.

- **Online Telephone Support:** Monday - Friday, 9 AM - 5 PM EST.
- **Email Support:** Within 24 hours, every day.
- Please have your order number ready when contacting support.



Figure 10: Professional & Reliable Customer Service Team.

This image provides contact details for Aotedor's customer service, including an email address (support@aotedor.com) for 24-hour support and a phone number (+1 888 817 9815) for 7-day online telephone support from Monday to Sunday, 9 AM to 5 PM EST.



Figure 11: Extra Long Quality Support.

This graphic outlines Aotedor's extended warranty coverage for various components: 5 years for frame support and electric motor, 2 years for battery service, controller, and charger, and 1 year for tires.