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› AIRHOT Foldable Electric Wheelchair (Ultralight 34LBS Aluminum Frame) User Manual

AIRHOT Ultralight 34LBS Aluminum Frame

AIRHOT Foldable Electric Wheelchair User Manual

Model: Ultralight 34LBS Aluminum Frame

Brand: AIRHOT

1. INTRODUCTION

Thank you for choosing the AIRHOT Foldable Electric Wheelchair. This manual provides essential information for the safe and efficient operation, maintenance, and care of your new electric wheelchair. Please read this manual thoroughly before using the product and retain it for future reference.

This electric wheelchair is designed for adults, featuring a 500W high-power motor, a 350LBS capacity, and all-terrain pneumatic tires for enhanced mobility and safety. Its ultralight 34LBS aluminum frame allows for easy folding and transport.



Figure 1.1: The AIRHOT Foldable Electric Wheelchair.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines:

- Always ensure the electromagnetic brakes are engaged when stationary to prevent unintended movement.
- Utilize the anti-tip wheels, especially when navigating inclines or uneven surfaces, to maintain stability.
- Do not exceed the maximum weight capacity of 350LBS.
- Operate the wheelchair on stable and appropriate surfaces. While designed for all-terrain, extreme conditions should be avoided.
- Ensure the battery is properly installed and charged according to the instructions to prevent fire risks.
- Avoid operating the wheelchair in heavy rain or through deep puddles to prevent damage to electrical components.
- Regularly inspect tires, brakes, and all moving parts for wear and tear.

AUTO-BRAKE SYSTEM & 350LBS CAPACITY



Supports a wide range of users with a safety margin



Auto-Brake



Anti-Rollback



One-Hand Release



Figure 2.1: Safety features of the AIRHOT Electric Wheelchair, emphasizing the auto-brake system and 350LBS capacity for user security.

QUICK 3-STEP FOLDING

Easy to Storage and Travel



Figure 2.2: Visual representation of the electromagnetic brakes and anti-tip wheels, designed to enhance user safety and stability during operation.

3. SETUP AND ASSEMBLY

The AIRHOT electric wheelchair is designed for quick and easy setup. It arrives largely pre-assembled and can be unfolded in seconds.

3.1 Unfolding the Wheelchair

1. Place the folded wheelchair on a flat, stable surface.
2. Gently pull the backrest upwards until the frame locks into place.
3. Lower the seat and ensure all locking mechanisms are securely engaged.
4. Adjust the armrests and footrests to your preferred position.

3.2 Folding the Wheelchair

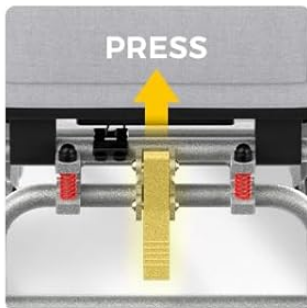
The wheelchair folds in 3 simple steps for compact storage and transport:

1. **Step 1:** Press the inward release mechanism, typically located near the seat.
2. **Step 2:** Tuck the seat and backrest towards the center.
3. **Step 3:** Complete the fold by bringing the sides together until it is compact.

FOLDS IN 1 SECOND, SAVES 90% SPACE



IT ONLY TAKES 3 STEPS TO QUICKLY COMPLETE THE FOLDING



1 Press Inward



2 Tuck in the middle



3 Complete the folding

Figure 3.1: Visual guide to the quick 3-step folding process of the AIRHOT Electric Wheelchair, illustrating its compact storage capability.

SO LIGHT ELDERLY CAN LIFT IT WITH EASE

As easy as carrying a bag of dog food

Electric wheelchair
34LBS
Foldable

I can handle it myself



Figure 3.2: The lightweight design of the wheelchair allows for easy lifting and placement into a vehicle trunk, facilitating travel.

4. OPERATING INSTRUCTIONS

The AIRHOT electric wheelchair features an intuitive 360° joystick control for easy maneuverability.

4.1 Joystick Control

The joystick can be installed on either the left or right armrest to suit user preference. It provides precise control over speed and direction.

- **Power Button:** Turns the wheelchair on/off.
- **Speed Adjustment:** Use '+' and '-' buttons to increase or decrease speed.
- **Horn:** Activates the horn for alerting others.
- **Joystick Movement:** Push forward to move forward, pull back to move backward, push left to turn left, and push right to turn right.
- **Braking:** Releasing the joystick will automatically engage the electromagnetic brakes, bringing the wheelchair to a smooth stop.



Figure 4.1: Detailed view of the 360° universal joystick, showing controls for power, speed, horn, and direction.

4.2 Battery and Charging

The upgraded lithium battery provides over 15 miles of travel on a single charge. It can be charged while installed on the wheelchair or detached for convenient off-board charging.

- Connect the charger to the charging port on the battery or the wheelchair.
- Plug the charger into a standard electrical outlet.
- The charging indicator light will show the charging status.
- Once fully charged, disconnect the charger.

CHARGE ANYWHERE. GO FARTHER

Charge indoors, conveniently



4MPH
Travel Speed



15Miles
Battery Range

Figure 4.2: The wheelchair battery can be charged conveniently indoors, either on or off the chair.



Figure 4.3: Dual charging options for flexibility: charge the battery independently or while it's installed in the wheelchair.

4.3 All-Terrain Capability

Equipped with magnesium alloy solid wheels and a 500W brushless motor, the wheelchair can navigate various terrains and slopes up to 8°.

CLIMB 12° SLOPES | WITH EASE

Overcoming obstacles becomes smoother



High-Torque Drive Stable Traction Anti-Rollback Grade Certified

Figure 4.4: The wheelchair's robust design allows for easy climbing of slopes and stable traction on varied surfaces.

EXPLOSION-PROOF TIRE

The elderly can travel safely and with peace of mind



Figure 4.5: The durable, explosion-proof tires are designed for reliability across various terrains, including brick, mud, grass, and bumpy surfaces.

4.4 Video Demonstration

Your browser does not support the video tag.

Video 4.1: This video demonstrates the AIRHOT Electric Wheelchair in various real-world scenarios, showcasing its maneuverability, ease of use, and how it enhances user independence. It highlights the freedom and mobility the wheelchair provides for daily activities and outdoor excursions.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your AIRHOT electric wheelchair.

- **Cleaning:** Wipe down the frame and seat with a damp cloth. Avoid using abrasive cleaners or excessive water on electrical components.
- **Battery Care:** Charge the battery regularly, even if not in frequent use, to maintain its health. Store the battery in a cool, dry place.
- **Tire Inspection:** Check tires for any signs of wear, punctures, or damage. While designed to be maintenance-free, visual inspection is recommended.
- **Component Check:** Periodically inspect all bolts, screws, and connections to ensure they are tight and secure. Check the joystick and cables for any damage.

6. TROUBLESHOOTING

If you encounter issues with your wheelchair, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Wheelchair does not power on.	Battery is low or not connected; power switch is off.	Ensure battery is fully charged and properly connected. Turn on the power switch.
Wheelchair moves slowly or inconsistently.	Low battery charge; speed setting is too low; motor issue.	Charge the battery. Increase speed setting on the joystick. If problem persists, contact support.
Joystick not responding.	Loose connection; joystick malfunction.	Check all cable connections to the joystick. Restart the wheelchair. If unresolved, contact support.
Unusual noises during operation.	Loose components; foreign object in wheels/motor.	Inspect for loose parts or obstructions. If noise continues, discontinue use and contact support.

For issues not listed here, please contact AIRHOT customer support.

7. SPECIFICATIONS

Feature	Detail
Model	Ultralight 34LBS Aluminum Frame
Motor Power	500W Brushless Motor
Weight Capacity	350 LBS
Item Weight	35.2 Pounds
Battery Type	Upgraded Lithium Battery (12AH)
Battery Range	15+ Miles
Max Speed	4 MPH
Max Slope Climb	8°
Tire Type	Magnesium Alloy Solid Wheels (All-Terrain, Explosion-Proof)
Product Dimensions (Unfolded)	40.1"D x 23.6"W x 37.4"H
Folding Mechanism	1-second fold (3-step process)



Figure 7.1: Overview of key specifications including motor, battery, and wheel design.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact AIRHOT customer service. Refer to your purchase documentation for specific warranty terms and contact details.

Manufacturer: AIRHOT

ASIN: B0F1FRK7YK

For further assistance, visit the official AIRHOT store on Amazon: AIRHOT Store