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DAHAIY B0DKT1T7RX

DAHAIY Electric Wheelchair User Manual

Model: B0DKT1T7RX

1. Introduction

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



Image 1.1: The DAHAIY Electric Wheelchair, a lightweight folding motorized power chair designed for indoor and outdoor mobility.

2. Safety Information

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

- Always ensure the wheelchair is fully charged before extended use.
- Operate the wheelchair on stable, level surfaces whenever possible.
- Avoid sudden stops or turns, especially at higher speeds.
- Do not exceed the maximum weight capacity of 300 lbs.
- Engage the brakes when parking or transferring to and from the wheelchair.
- Be aware of your surroundings and potential obstacles.
- Do not operate the wheelchair under the influence of alcohol or medication that impairs judgment.
- Regularly inspect tires, brakes, and battery connections for wear or damage.

3. Setup and Assembly

The DAHAIY Electric Wheelchair is designed for easy setup. Follow these steps for initial assembly and preparation:

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Unfolding the Wheelchair:** Gently unfold the main frame until it locks into place. Ensure all locking mechanisms are secure.
3. **Attaching the Joystick Controller:** Connect the joystick controller to the designated port on the armrest. Ensure the connection is firm.
4. **Battery Installation:** Insert the battery pack into its compartment. Ensure it clicks securely into place.
5. **Initial Charge:** Before first use, fully charge the battery. Refer to the 'Charging the Battery' section for detailed instructions.
6. **Adjustments:** Adjust the footrests and armrests to a comfortable position if applicable.



Image 3.1: The wheelchair in its folded state, demonstrating its compact design for storage and transport. Armrests can be lifted for easier access.

4. Operating Instructions

The DAHAIY Electric Wheelchair features intuitive controls for smooth navigation.

4.1. Joystick Control Panel

The joystick panel provides comprehensive control over the wheelchair's functions.



Image 4.1: Detailed view of the control joystick, highlighting the power button, battery display, horn, speed display, speed deceleration, and speed acceleration buttons.

- **Power On/Off:** Press the power button to turn the wheelchair on or off.
- **Battery Display:** Indicates the current battery charge level.
- **Horn:** Press the horn button to alert others.
- **Speed Display:** Shows the current speed setting.
- **Speed Adjustment:** Use the speed acceleration and deceleration buttons to select one of the 5 available speed settings.
- **Movement:** Gently push the joystick in the desired direction (forward, backward, left, right) for 360° movement. The wheelchair will move in the direction the joystick is pushed.

4.2. Braking System

The wheelchair is equipped with multiple braking mechanisms for safety:

- **Electromagnetic Brakes:** These engage automatically when the joystick is released, providing a smooth stop.
- **Manual Hand Brakes:** Located on the handles, these can be used for additional stopping power or to secure the wheelchair when parked.

4.3. Terrain and Uphill Navigation

The DAHAIY Electric Wheelchair is designed to handle various terrains and inclines.



Image 4.2: The wheelchair navigating various terrains including city roads, grasslands, muddy roads, speed bumps, and gravel roads, demonstrating its versatility.

- It can be operated on city roads, grasslands, and even light gravel or muddy roads.
- The wheelchair can safely ascend inclines up to a 12-degree angle. Always approach inclines slowly and maintain control.
- Rear anti-tip wheels provide stability on uneven surfaces and inclines.



Image 4.3: The wheelchair ascending a 12-degree ramp, illustrating its climbing capability and safety features like double-handed brakes and anti-tilt safety wheels.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your DAHAIY Electric Wheelchair.

5.1. Battery Care and Charging

The wheelchair is powered by a high-capacity 12Ah battery, offering a travel range of up to 15 miles.



Image 5.1: The wheelchair connected to its charger, demonstrating the 5-hour quick charge capability for its 24V 12AH battery.

- **Charging:** Connect the charger to the charging port on the wheelchair and then to a standard electrical outlet. A full charge typically takes approximately 5 hours.
- **Battery Life:** To maximize battery life, avoid completely draining the battery. Charge it regularly, even if not used daily.
- **Storage:** If storing the wheelchair for an extended period, ensure the battery is fully charged and disconnect it if possible. Recharge every few months to prevent deep discharge.

5.2. Tire Maintenance

The wheelchair features explosion-proof tires for enhanced durability.



Image 5.2: Cross-section view of the explosion-proof tire, showing its non-slip rubber layer, metal braid, and polyurethane layer, designed for anti-puncture and wear resistance.

- Regularly inspect tires for any signs of wear, cuts, or damage.
- Ensure tires are free from debris that could affect performance.

5.3. General Cleaning

- Wipe down the frame and seat with a damp cloth and mild detergent.
- Avoid using abrasive cleaners or solvents.
- Keep the joystick controller and electrical connections dry.

6. Troubleshooting

If you encounter issues with your DAHAIY Electric Wheelchair, refer to the following common troubleshooting steps:

- **Wheelchair not turning on:** Ensure the battery is fully charged and properly connected. Check the power button on the joystick.
- **Wheelchair not moving:** Verify the joystick is connected correctly. Check if the brakes are disengaged. Ensure the battery has sufficient charge.
- **Unusual noises:** Inspect wheels for obstructions. Check for loose components. If noises persist, contact customer support.
- **Reduced travel range:** This may indicate a partially charged or aging battery. Ensure the battery is fully charged before each use.

For issues not resolved by these steps, please contact DAHAIY customer support.

7. Specifications

Detailed technical specifications for the DAHAIY Electric Wheelchair:

Feature	Specification
Brand	DAHAIY
Model	B0DKT1T7RX
Product Dimensions (Unfolded)	37.4 x 22.83 x 35.04 inches
Folding Length	26.3 inches
Folding Height	26.3 inches
Folding Width	14.7 inches
Weight Capacity	300 lbs
Gross Weight	66 lbs (Wheelchair: 44 lbs, Battery: 22 lbs)
Power Source	Battery Powered
Motor Power	500W
Battery Capacity	12Ah
Travel Range	Up to 15 miles
Charging Time	Approx. 5 hours
Turn Radius	20 inches
Wheel Type	Solid, Caster (Explosion-Proof)
Front Tire Size	9.18 inches
Rear Tire Size	15.7 inches
Frame Material	Metal
Max Uphill Angle	12 degrees



Image 7.1: Diagram illustrating the key dimensions and weight specifications of the DAHAIY Electric Wheelchair, including seat width, depth, overall width, and folded dimensions.

8. Warranty and Support

DAHAIY is committed to providing reliable products and excellent customer service.

8.1. Warranty Information

Please refer to the warranty card included with your purchase for specific warranty terms and conditions. Generally, the warranty covers manufacturing defects under normal use. Damage resulting from misuse, accidents, or unauthorized modifications is not covered.

8.2. Customer Support

Our dedicated customer support team is available to assist you with any inquiries, technical support, or service needs. For assistance, please contact us via the contact information provided on your purchase receipt or the official DAHAIY

website.

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