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› Horizon Mobility Fold & Travel Electric Power Wheelchair User Manual

Horizon Mobility B07G57V2W9

Horizon Mobility Fold & Travel Electric Power Wheelchair User Manual

Model: B07G57V2W9

1. PRODUCT OVERVIEW

The Horizon Mobility Fold & Travel Electric Power Wheelchair is designed for mobility and convenience, featuring a lightweight, foldable frame and powerful electric motors. This manual provides essential information for safe and effective use, maintenance, and troubleshooting.



Figure 1.1: Wheelchair Components Overview

This image displays the key components of the electric wheelchair, including the controller, armrests, 500W motor, 13AH lithium battery, 8-inch front wheels, and 13-inch rear wheels. It also highlights the aluminum alloy frame and antiseptic, mildew-proof cushion.



Figure 1.2: Durable Frame Construction

The wheelchair features an aerospace magnesium alloy frame, designed for enhanced strength, reduced weight, and resistance to corrosion. It supports a super load bearing capacity of 150kg (approximately 330 lbs).

2. SETUP AND INITIAL ASSEMBLY

Follow these steps to unpack and prepare your electric wheelchair for first use.

1. **Unpack the Wheelchair:** Carefully remove all components from the packaging. Inspect for any damage during transit.
2. **Initial Assembly:** The wheelchair requires minimal assembly. This typically involves attaching the joystick controller and ensuring all connections are secure. Refer to Figure 1.1 for component identification.
3. **Charge the Battery:** Locate the lithium-ion battery. Connect the provided electric charger to the battery and a standard US power outlet. Ensure the battery is fully charged before first use. The battery can be charged while installed or separately.
4. **Install the Battery:** Slide the fully charged battery into its mount under the seat and connect the wire securely.
5. **Familiarize with Controls:** Before operating, spend time understanding the joystick controller, power indicator, speed settings, and on/off button. The joystick can be mounted on either the left or right armrest.
6. **Adjust Features:** Adjust the armrests and footrest for personal comfort and accessibility. Armrests can be raised for easy side access to the seat.

3. OPERATING INSTRUCTIONS

This section details how to operate your electric wheelchair safely and efficiently.

3.1 Driving the Wheelchair

- **Power On:** Press the power button on the joystick controller to turn on the wheelchair. The power indicator

light will illuminate.

- **Speed Adjustment:** Use the speed up and down buttons on the joystick to select your desired speed. The maximum speed is less than 5 MPH.
- **Steering:** Use the 360-degree universal intelligent joystick to control direction and movement. Push the joystick forward to move forward, pull back to reverse, and move left or right to turn.
- **Braking:** The wheelchair features an electromagnetic brake system. When the joystick is released, the wheelchair will automatically brake and maintain stability, preventing slipping.



Figure 3.1: Electromagnetic Brake System

This image highlights the electromagnetic brake system, which ensures stability and safety by automatically engaging when the hand leaves the joystick, preventing unintended movement.

3.2 Remote Control Operation

Your wheelchair is equipped with a Bluetooth remote controller for convenient operation from a distance.

- **Pairing:** Refer to the remote control's specific instructions for pairing with the wheelchair.
- **Remote Functions:** The remote allows for basic movement control (forward, backward, left, right) and may include speed adjustments.

3.3 Folding and Transport

The wheelchair is designed for easy folding, making it suitable for travel.

- **Folding:** Follow the specific folding mechanism instructions. The wheelchair folds compactly for storage and transport.
- **Transport:** Once folded, the wheelchair can be rolled on its rear wheels. When lifting, be aware of its weight (approximately 55 lbs).
- **Airline Travel:** The lithium battery is airline-friendly and allowed for transport on an airplane. Always confirm with your airline regarding their specific regulations for mobility devices and batteries before travel.



Figure 3.2: Folding for Transport

This image shows the wheelchair in its folded state, being held by a person, demonstrating its compact design for easy storage and transportation.

3.4 Terrain Capabilities

The wheelchair is designed to navigate various terrains.

- It can be used on grass, ramps, brick roads, muddy paths, snow, and bumpy roads.
- The 8-inch front wheels facilitate 360-degree rotation in small areas.
- Exercise caution on wet or uneven surfaces.

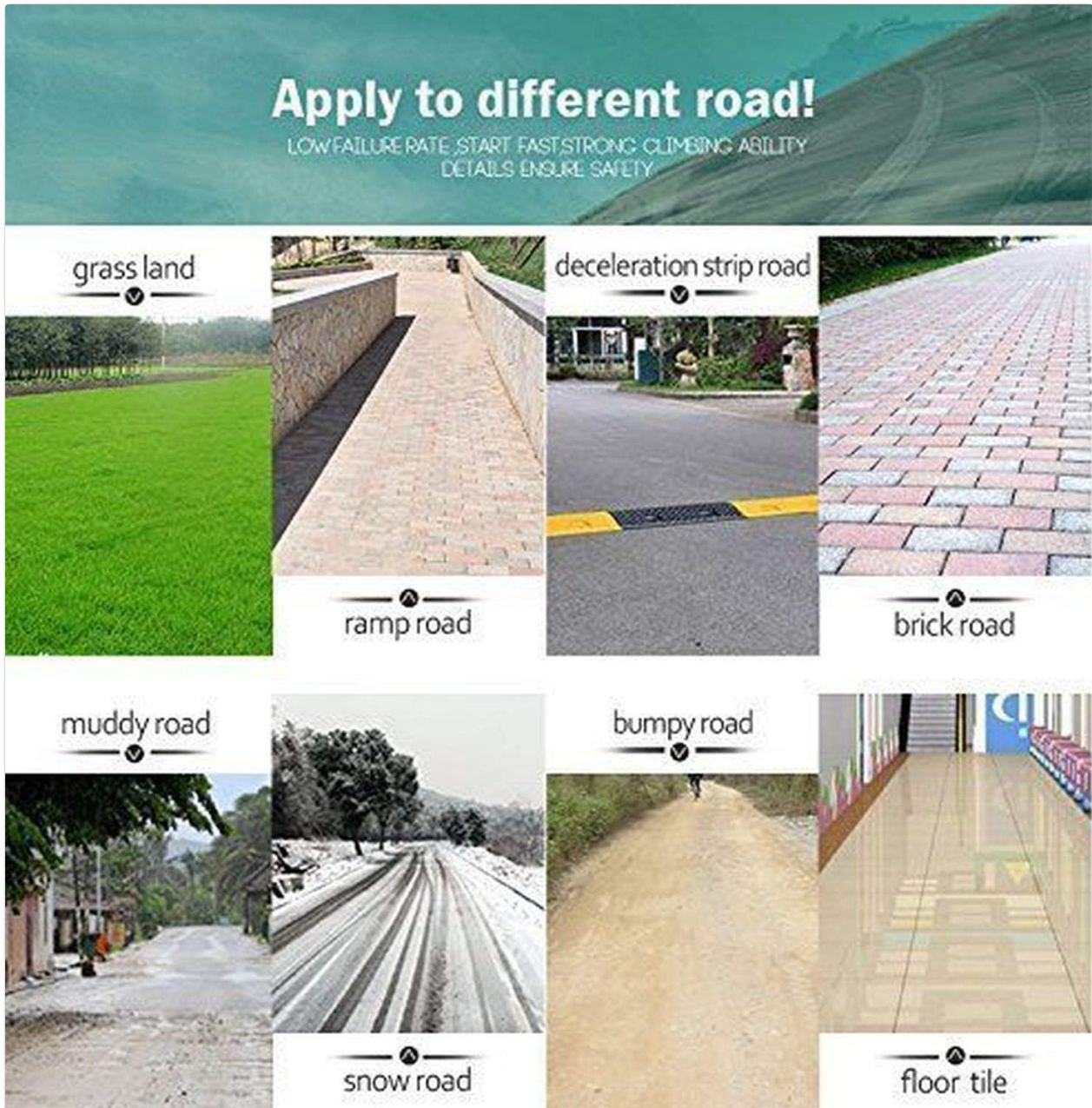


Figure 3.3: Multi-Terrain Capability

This image illustrates the wheelchair's ability to traverse different surfaces such as grass, ramps, brick roads, muddy terrain, snow, and indoor floor tiles, highlighting its versatility.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your wheelchair.

- **Cleaning:** The breathable, removable seat and back cushions can be easily cleaned. Wipe down the frame with a damp cloth. Avoid using harsh chemicals.
- **Battery Care:** Fully charge the battery after each use. Store the battery in a cool, dry place if not in use for extended periods.

- **Tire Pressure:** Regularly check the pressure of the inflatable rear tires and inflate as needed to the recommended PSI.
- **Fasteners:** Periodically inspect all screws, bolts, and fasteners for tightness. Tighten any loose components to prevent operational issues.
- **Anti-Tipper Wheels:** Ensure the adjustable anti-tipper wheels are in good condition and properly adjusted for safety.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your electric wheelchair.

- **Wheelchair Not Powering On:**
 - Check if the battery is properly installed and connected.
 - Ensure the battery is charged.
 - Verify the power button on the joystick controller is pressed.
- **Wheelchair Not Moving:**
 - Confirm the power is on and the power indicator light is active.
 - Check if the joystick is functioning correctly.
 - Ensure the manual/electric clutch is engaged in electric mode. If the wheels are unlocked for manual pushing, the electric motors will not engage.
- **Loss of Power/Reduced Range:**
 - The battery may need recharging.
 - Battery performance can decrease over time; consider replacing the battery if range significantly diminishes after a full charge.
- **Unusual Noises:**
 - Inspect for loose components or obstructions in the wheels or motor area.
 - If persistent, contact customer support.

6. SPECIFICATIONS

Detailed technical specifications for the Horizon Mobility Fold & Travel Electric Power Wheelchair.



Figure 6.1: Product Dimensions

This image provides a visual representation of the wheelchair's dimensions, including height (96cm), seat depth (43cm), width (51cm), and overall length (62cm).

Feature	Specification
Model	B07G57V2W9
Unfolded Dimensions (L x W x H)	41 x 23 x 34 inches
Folded Dimensions (L x W x H)	34 x 24 x 14 inches
Wheelchair Weight	55 lbs
Battery Weight	6 lbs
Maximum Seat Capacity	365 lbs
Maximum Speed	Less than 5 MPH
Driving Distance	Up to 13+ Miles (with one battery)
Motor Power	500W Brushless Motors
Battery Type	High Quality Lithium Ion Phosphate Battery (13AH)
Front Wheels	8-inch Solid
Rear Wheels	13-inch Inflatable
Seat Height	20 inches
Seat Width (Between Arm Rests)	16.9 inches

Feature	Specification
Seat Depth	20 inches
Arm Rest Height (From Ground)	28 inches
Frame Material	Aircraft Grade Aluminum Alloy

7. WARRANTY INFORMATION

Please retain your proof of purchase for any warranty claims. Specific warranty terms and duration may vary. For detailed warranty information, refer to the documentation included with your purchase or contact Horizon Mobility customer support.

8. CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Horizon Mobility customer service. Contact information can typically be found on the product packaging or the official Horizon Mobility website.