Arshin XW-LY001

Arshin XW-LY001 Electric Wheelchair User Manual

Model: XW-LY001

Introduction

Welcome to the user manual for your Arshin XW-LY001 Electric Wheelchair. This guide provides essential information for the safe and effective setup, operation, and maintenance of your new mobility device. Please read this manual thoroughly before using the wheelchair to ensure proper function and safety.

The Arshin XW-LY001 is designed for adults and seniors, offering portability, power, and comfort. Key features include a foldable design, a powerful motor system, multiple braking mechanisms, intuitive controls, and an ergonomic design for extended use.



The Arshin Electric Wheelchair is suitable for various daily environments, including indoor and outdoor use.

Setup

Unfolding the Wheelchair

The Arshin XW-LY001 electric wheelchair features a simple 3-step folding mechanism for easy storage and transport. To unfold:

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 before use.



The wheelchair folds compactly for convenient storage and transport in various settings.

Battery Installation and Charging

The wheelchair is powered by a 24V 12AH removable battery. Ensure the battery is fully charged before initial use.

- **Installation:** Slide the battery into its designated compartment until it clicks securely into place.
- **Charging:** The battery can be charged either while installed on the wheelchair (on-board charging) or removed from the wheelchair. Connect the charger to a standard power outlet and then to the charging port on the battery or wheelchair.
- **Charging Time:** A full charge typically takes 8-10 hours.



The wheelchair offers flexible charging options for convenience.

Your browser does not support the video tag.

This video demonstrates the folding and unfolding process of the Arshin Electric Wheelchair, highlighting its portability.

Operating Instructions

Joystick Control

The wheelchair is controlled by an intuitive 360° joystick, providing precise movement. The controller can be positioned on either the left or right armrest for user preference.

- **Power Button:** Press to turn the wheelchair on or off.
- **Joystick:** Move the joystick in the desired direction (forward, backward, left, right) to control movement. Releasing the joystick engages the electromagnetic brake.
- **Speed Adjustment:** Use the speed buttons (upshift/downshift) to select one of the 5 available speed settings.
- **Horn:** Press the horn button to alert others.

- **USB Port:** A built-in USB port allows for charging mobile devices.



Detailed view of the intuitive joystick controls and additional features like the LED headlight and USB port.

Braking System

The Arshin XW-LY001 is equipped with a triple braking system for enhanced safety:

- **Electromagnetic Brake:** Automatically engages when the joystick is released, stopping the wheelchair smoothly.
- **Manual Hand Brakes:** Two additional hand brakes provide extra stopping power and prevent backward rolling on inclines.
- **Anti-tilt Safety Wheels:** Rear anti-tilt wheels provide stability, especially on slopes up to 12 degrees.



The wheelchair is designed to conquer mild slopes with ease, featuring anti-tilt wheels and manual brakes for safety.

All-Terrain Capability

Equipped with large 12-inch rear wheels and 7-inch front wheels, the wheelchair is capable of navigating various terrains, including:

- Gravel roads
- Lawn and grass
- City speed bumps
- Muddy paths
- Standard city roads



The robust tires are designed for stability and performance across diverse outdoor conditions.

Your browser does not support the video tag.

This video provides a general overview of the Arshin Electric Wheelchair, showcasing its features and ease of use for adults and seniors.

MAINTENANCE

Battery Care

- Always charge the battery fully before first use and after each significant period of use.
- Avoid completely draining the battery to prolong its lifespan.
- Store the battery in a cool, dry place if not in use for an extended period, and charge it periodically (e.g., once a month) to maintain its health.

Cleaning and General Care

- Wipe down the frame and seat cushion with a damp cloth and mild soap. Avoid harsh chemicals.

- Regularly check tires for wear and proper inflation (if applicable).
- Inspect all moving parts, bolts, and connections periodically to ensure they are secure.

Troubleshooting

If you encounter any issues with your Arshin XW-LY001 Electric Wheelchair, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Wheelchair does not power on.	Battery not charged or not properly installed. Power button not pressed.	Ensure battery is fully charged and correctly seated. Press the power button firmly.
Wheelchair moves erratically or not at all.	Joystick malfunction or obstruction. Loose electrical connection.	Check for any obstructions around the joystick. Ensure all cables are securely connected. Restart the wheelchair.
Brakes are not engaging properly.	Electromagnetic brake issue or manual brakes not adjusted.	Ensure the joystick is fully released. Check manual brake levers for proper function. Contact support if the issue persists.
Unusual noises during operation.	Loose components or debris in wheels/motors.	Inspect wheels and motors for any foreign objects. Check for loose bolts or parts.

If these steps do not resolve the issue, please contact customer support for further assistance.

Specifications

Feature	Detail
Model Number	XW-LY001
Product Dimensions (Unfolded)	37"D x 24.4"W x 35.8"H (94cm x 62cm x 91cm)
Folded Dimensions	16" x 12.2" x 26.7" (40.6cm x 31cm x 67.8cm)
Item Weight	71 Pounds (32.2 kg)
Maximum Weight Recommendation	286 Pounds (130 kg)
Seat Width	16.9 Inches (43 cm)
Seat Length	16 Inches (40.6 cm)
Wheel Size (Rear/Front)	12 Inches / 7 Inches
Maximum Speed	4.5 Miles per Hour (7.2 km/h)
Battery Average Life (Travel Distance)	15 Miles (24 km)
Power Source	Battery Powered (24V 12AH)
Motor Type	Dual 180W Brushless Motors

Feature	Detail
Brake Style	Electromagnetic, Hand brake
Frame Material	Aluminum
Additional Features	Foldable, Portable, Adjustable Armrests, Foldable Footrests, USB Port, LED Headlight, Storage Bag



Overview of the battery and key performance specifications.

Warranty and Support

Warranty Information

The Arshin electric wheelchair includes the following warranty coverage:

- **30-Day Free Return and Exchange:** Products can be returned or exchanged within 30 days of purchase. Original packaging must be retained for returns.

- **90-Day Free Parts Warranty:** Free replacement of accessories and technical support are provided within 90 days of purchase.

Customer Support

For any questions, assistance, or technical support regarding your Arshin Electric Wheelchair, please reach out to our customer support team. We are ready to assist you.



Information on after-sales support and warranty details.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How can I obtain replacement parts for the left side brake and handle of my Arshin XW-LY001 electric wheelchair purchased through Walmart?

Based on the manual for the Arshin XW-LY001, you are likely eligible for a free replacement of these components under the manufacturer's warranty policy. The manual specifies the following coverage:90-Day Free Parts Warranty: Arshin...

Read full answer

How do I switch my Arshin XW-LY001 electric wheelchair from manual mode back to electric mode?

To switch your Arshin XW-LY001 from manual mode back to electric mode, you need to engage the clutch levers located on the motors. Most electric wheelchairs use a "freewheel" lever system to allow manual...

Read full answer