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Ihx 200x50

User Manual

8-INCH ELECTRIC WHEELCHAIR FRONT WHEELS

Brand: Ihx | Model: 200x50

1. Product Overview

This manual provides instructions for the Ihx 8-inch electric wheelchair front wheels, model 200x50. These universal wheel accessories are designed to provide reliable and maintenance-free performance for electric wheelchairs.

Key Features:

- **Universal Compatibility:** Our wheels have a diameter of 198 mm and a wheelbase of 60.5 mm. As long as the size matches, they can be used for various brands of wheelchairs.
- **Easy Installation:** Comes with necessary screws, washers, and a small wrench for immediate use.
- **Durable Material:** The tire part is made of high-quality polyurethane (PU) material, known for its elasticity, wear-resistance, and high strength.
- **Solid, Puncture-Proof Design:** These solid tires require no inflation and are puncture-proof, offering a carefree experience with no daily maintenance.



Figure 1: A pair of Ihx 8-inch electric wheelchair front wheels (Model 200x50) in gray, featuring a solid PU tire and a black hub.



Figure 2: Close-up view of the wheel's central hub and integrated bearing, highlighting the quality of components.



2. Setup and Installation

The lhx 200x50 wheelchair wheels are designed for straightforward installation. Please follow these steps:

1. **Verify Compatibility:** Ensure your wheelchair's current wheel dimensions match the 198mm diameter and 60.5mm wheelbase of these replacement wheels.
2. **Prepare Tools:** The package includes necessary screws, washers, and a small wrench. You may also need a screwdriver or additional wrenches depending on your wheelchair's existing setup.
3. **Remove Old Wheels:** Carefully remove the existing front wheels from your electric wheelchair. Retain any components that are not replaced by the new wheel kit.
4. **Install New Wheels:**
 - Align the new lhx wheel with the axle mounting point on your wheelchair.
 - Insert the provided screws and secure the wheel.
 - Use the included washers as needed. If the wheelbase is slightly smaller than your wheelchair's existing wheelbase, adding washers can help achieve a secure fit.
 - Tighten all fasteners securely using the small wrench or your own tools. Do not overtighten.
5. **Test Installation:** After installation, gently test the wheels to ensure they rotate freely and are securely attached before using the wheelchair.



Figure 4: Dimensional diagram of the wheel, indicating a diameter of 198mm, a wheelbase of 60.5mm, and a width of 48mm.

3. Operating Considerations

Once installed, the lhx 200x50 solid wheels are ready for immediate use. These wheels are designed to provide stable and smooth movement for electric wheelchairs.

- **Smooth Operation:** The high-quality PU material ensures a smooth ride over various surfaces.
- **Enhanced Durability:** The solid, non-inflatable design eliminates concerns about punctures, providing consistent performance.
- **Weight Distribution:** Ensure that the wheelchair's weight distribution remains balanced after wheel replacement for optimal performance and safety.



Figure 5: An electric wheelchair equipped with lhx 8-inch front wheels, demonstrating their appearance when installed.

4. Maintenance

One of the primary advantages of lhx 200x50 solid wheels is their minimal maintenance requirement. Due to their non-inflatable, puncture-proof design, daily maintenance is largely unnecessary.

- **Cleaning:** Periodically wipe the wheels clean with a damp cloth to remove dirt and debris. Avoid harsh chemicals that could damage the PU material.
- **Inspection:** Regularly inspect the wheels for any signs of wear, damage, or loose fasteners. Ensure the bearings rotate smoothly. If any issues are detected, address them promptly.
- **No Inflation Required:** These are solid tires, so there is no need to check tire pressure or inflate them.

5. Troubleshooting

While lhx wheels are designed for durability, here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Wheel wobbles or feels loose	Loose fasteners; incorrect installation; worn bearings.	Check and tighten all screws and bolts. Ensure washers are correctly placed. If bearings are worn, consider replacement.
Wheel does not rotate smoothly	Debris in bearings; damaged bearings; overtightened axle.	Clean around the bearings. Inspect bearings for damage. Loosen axle slightly if overtightened.
Wheel does not fit properly	Incorrect size purchased; insufficient use of washers.	Verify wheel dimensions against your wheelchair's requirements. Add or adjust washers to achieve a snug fit.

If issues persist, please contact customer support for further assistance.

6. Specifications

Attribute	Detail
Product Name	8-inch Electric Wheelchair Front Wheels
Model	200x50
Brand	lhx
Color	Gray
Main Ingredients	Polyurethane (PU), Polypropylene (PP)
Wheel Diameter	198 mm (approx. 8 inches)
Wheelbase (Hub Width)	60.5 mm
Tire Type	Solid, Non-inflatable, Puncture-proof
Item Weight (per pair)	1.2 kg (1200 Grams)
ASIN	B09FXCMDN8
Manufacturer Reference	INGHDO
First Available Date	September 10, 2021

7. Warranty and Support

This product is sold by INGHDO. For any issues or support, please refer to the seller's return policy and contact information on the purchase platform.

- **Return Policy:** A 30-day refund/replacement policy is typically offered. Please check your specific

purchase details for exact terms.

- **Manufacturer:** INGHDO
 - **Contact Support:** For product-specific inquiries or assistance, please contact the seller directly through the Amazon platform.
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