gardhom UKWR03-10FT

gardhom Foldable Wheelchair Ramp 305cm - Instruction Manual

Model: UKWR03-10FT

Introduction Safety Information Product Features Setup & Installation Operating Instructions Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

Thank you for choosing the gardhom Foldable Wheelchair Ramp. This manual provides essential information for the safe and effective use, installation, and maintenance of your ramp. Please read it thoroughly before first use and keep it for future reference. This ramp is designed to provide a safe and accessible solution for overcoming steps and thresholds for various mobility aids.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- **Load Capacity:** The maximum load capacity of this ramp is 362 kg (800 lbs). Do not exceed this weight limit.
- **Recommended Incline:** This ramp is suitable for steps with an incline angle between 5° and 14°. Using the ramp at an angle greater than 14° can be strenuous and unsafe.
- **Stability:** Always ensure the ramp is securely placed and stable before use. The upper end of the ramp must rest firmly on the landing surface, and the lower end on a stable, level surface.
- **Support Feet:** If your ramp includes adjustable support feet, ensure they are correctly adjusted to provide adequate support and secured before use. Refer to the setup section for details.
- **Transport:** The ramp weighs approximately 30 kg. It is recommended that more than one person transport the ramp to prevent injury. Use the integrated handles for carrying.
- **Pinch Points:** Exercise caution when folding and unfolding the ramp to avoid pinching fingers or other body parts in the hinges.
- **Surface Conditions:** The ramp features an anti-slip coating. However, always be mindful of wet or icy conditions, which can reduce traction.
- **Supervision:** Always have an attendant assist when a person is using a wheelchair or mobility scooter on the ramp.

- **Material Flex:** A slight bending of the ramp may occur during use due to the material properties of aluminum. This is normal, and the ramp will return to its original shape.

3. Product Features

The gardhom Foldable Wheelchair Ramp is engineered for durability, safety, and convenience. Key features include:

- **High-Strength Aluminum Construction:** Made from lightweight yet robust aluminum, offering superior strength compared to steel.
- **Foldable Design:** The ramp folds compactly for easy storage in small spaces, such as corners or car trunks.
- **Anti-Slip Surface:** A black anti-slip coating provides excellent traction, even in rainy conditions.
- **Yellow Warning Stripes:** Integrated yellow warning stripes enhance visibility, especially in low-light environments.
- **Adjustable Support Feet:** Provides additional stability and allows for fine-tuning the ramp's height to ensure optimal contact with the ground.
- **Two-Handle Design:** Equipped with two ergonomic handles for practical and comfortable transport.
- **Safety Locking Mechanism:** Ensures the ramp remains securely in place during use.
- **Upper and Lower Guide Plates:** Designed to provide a smooth transition and secure placement at both ends of the ramp.



Figure 1: Key features of the gardhom Foldable Wheelchair Ramp.



Figure 2: Upper and lower guide plates for secure placement.



Figure 3: Yellow warning strips for enhanced visibility.



Figure 4: Integrated handle for easy transport.

4. Setup & Installation

Follow these steps to properly set up your gardhom wheelchair ramp:

1. **Unfold the Ramp:** Carefully unfold the ramp sections. Ensure all hinges are fully extended and locked into place.
2. **Positioning:** Place the upper end of the ramp firmly on the step or landing surface. The lower end should rest on a stable, level ground. Ensure the ramp is centered and aligned with the path of travel.
3. **Measure Step Dimensions:** Before selecting the ramp, measure the width of your step to ensure the ramp fits. Also, measure the vertical height from the step platform to the ground to determine the appropriate ramp length.
4. **Adjust Support Feet (if applicable):** If your ramp model includes adjustable support feet, follow these steps:
    - Ensure the bolt points towards the ramp head (do not install incorrectly).
    - Adjust the lower half of the support feet to the correct height and align the holes.
    - Fully engage the latch.
    - The ramp end should be flat (not curved), and the contact points should be vertical.
    - Adjust the rotating bolts until the base is 2.5-4 cm above the ground when unloaded.
    - Tighten the nut upwards to secure the screw.
5. **Secure the Ramp:** If possible, use the provided securing bolts through the pre-drilled holes at the top of the ramp to anchor it to the landing surface. If anchoring is not possible, ensure the ramp is otherwise secured against slipping.

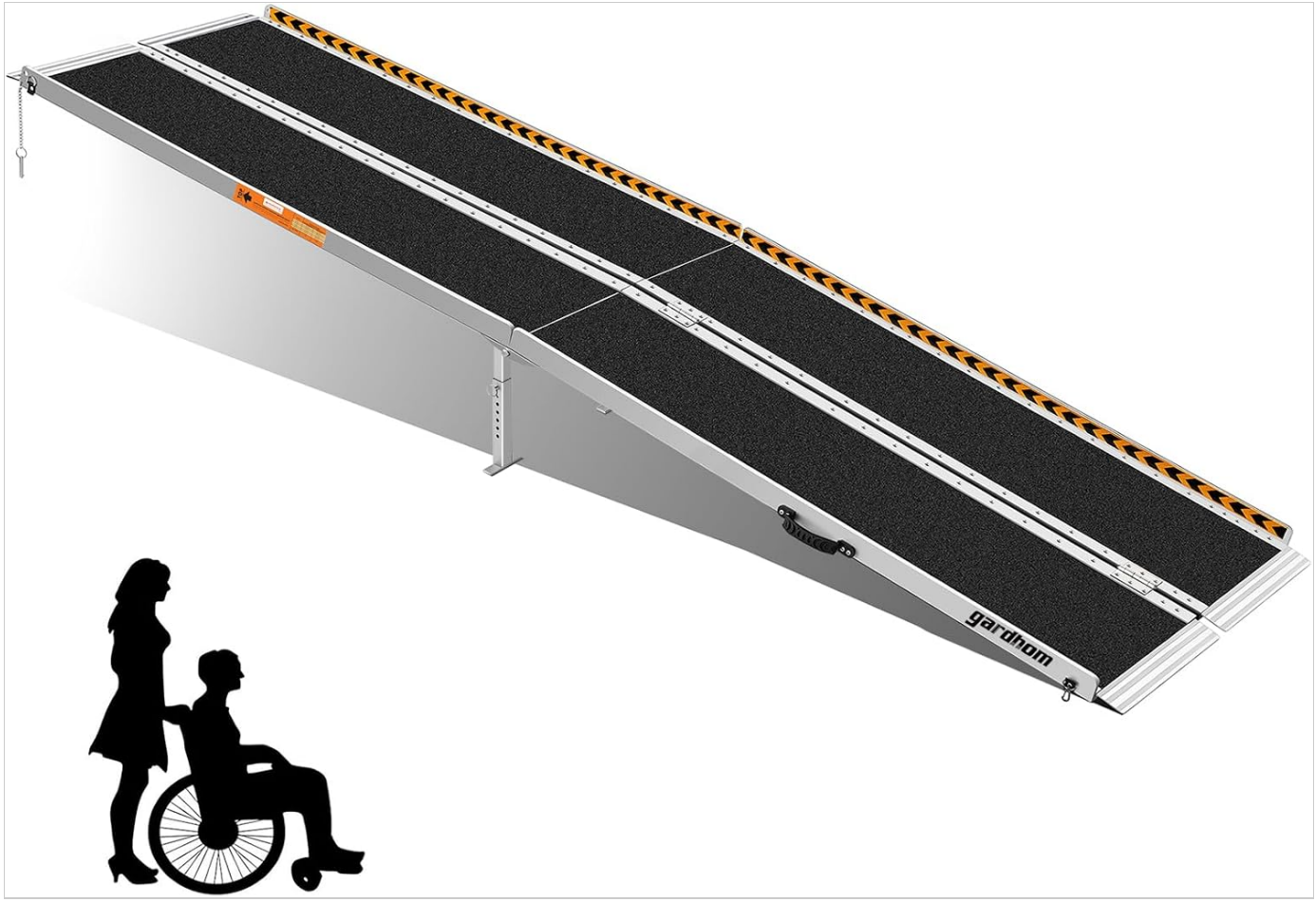


Figure 5: Unfolded and folded dimensions of the ramp.



Figure 6: Recommended height for ramps based on step height and ramp length.



Figure 7: Height-adjustable support feet design and adjustment steps.

Setup & Adjustment Video

Video 1: This video demonstrates the correct direction for installing the support feet, how to secure them with bolts, and how to adjust the rotating bolts to ensure the ramp is stable and slightly above the ground when unloaded. It also shows a wheelchair being pushed up the ramp, illustrating the ramp's stability.

5. Operating Instructions

Once the ramp is securely installed, it can be used for various purposes:

- **Wheelchairs and Mobility Scooters:** Carefully push or drive wheelchairs and mobility scooters up and down the ramp. Always maintain a controlled speed.
- **Walkers and Strollers:** The ramp is also suitable for walkers, baby strollers, and transport carts.
- **Bicycles and Rollers:** Use the ramp to move bicycles or other wheeled items over obstacles.
- **Even Distribution:** When loading heavy items, try to distribute the weight evenly across the ramp surface.



Figure 8: Multifunctional use of the ramp for wheelchairs, bicycles, and carts.



Figure 9: Mobility scooter using the ramp for home stairs.



Figure 10: Assisting a wheelchair user up the stable aluminum ramp.

Usage & Folding Video

Video 2: This video demonstrates the unfolding and folding process of the ramp, as well as its use with a bicycle, a hand truck, and for loading a wheelchair into a vehicle. It highlights the ease of setup and storage.
Video 3: This video showcases the quick setup and folding of the ramp, demonstrating its portability and ease of use for various applications, including wheelchairs and carts.

6. Maintenance

Proper maintenance will extend the life of your ramp and ensure continued safe operation:

- **Cleaning:** Clean the ramp regularly with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the anti-slip surface or aluminum finish.
- **Inspection:** Before each use, inspect the ramp for any signs of damage, such as cracks, bends, loose fasteners, or wear on the anti-slip surface. Do not use a damaged ramp.

- **Hinges and Fasteners:** Periodically check all hinges, bolts, and other fasteners to ensure they are tight and functioning correctly. Tighten any loose components.
- **Storage:** Store the ramp in a dry, protected area when not in use. Its foldable design allows for compact storage.

7. Troubleshooting

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

- **Ramp feels unstable or wobbly:**
  - Ensure the ramp is placed on a firm, level surface.
  - Verify that the adjustable support feet (if present) are correctly extended, making contact with the ground, and securely locked.
  - Check that the upper end of the ramp is firmly seated on the landing surface and secured against movement.
- **Difficulty folding or unfolding the ramp:**
  - Check for any obstructions in the hinge mechanisms.
  - Ensure all locking pins or latches are disengaged before attempting to fold or unfold.
  - Apply a small amount of lubricant to the hinges if they are stiff.
- **Reduced traction on the ramp surface:**
  - Clean the anti-slip surface to remove dirt, mud, or debris.
  - Avoid using the ramp in excessively wet or icy conditions, as this can compromise traction.

If the problem persists or you have other concerns, please contact gardhom customer support.

8. Specifications

Feature	Detail
Brand	gardhom
Model Number	UKWR03-10FT
Material	Aluminum
Color	Black
Unfolded Dimensions (L x W x H)	305 cm x 74 cm x 5 cm
Folded Dimensions (L x W x H)	152 cm x 37 cm x 23 cm
Product Weight	30 kg
Load Capacity	362 kg (800 lbs)
Foldable	Yes
Recommended Step Height	15 cm to 46 cm
Recommended Incline Angle	5° to 14°

9. Warranty & Support

For warranty information, product support, or any questions regarding your gardhom Foldable Wheelchair Ramp, please refer to the product packaging or contact gardhom customer service directly. Keep your purchase receipt as proof of purchase.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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