gardhom UKWR03-7FT-A

gardhom 213.5cm Foldable Wheelchair Ramp (Model UKWR03-7FT-A) Instruction Manual

Comprehensive guide for safe and effective use.

1. Introduction

Thank you for choosing the gardhom 213.5cm Foldable Wheelchair Ramp. This manual provides essential information for the safe assembly, operation, and maintenance of your ramp. Please read it thoroughly before use and retain it for future reference.

2. Safety Information

Your safety is paramount. Adhere to all warnings and instructions to prevent injury or damage.

- **Maximum Load Capacity:** Do not exceed the maximum weight capacity of 800 lbs (approximately 362 kg). Overloading can cause structural failure and severe injury.
- **Product Weight:** The ramp weighs approximately 20 kg (44 lbs). Exercise caution when lifting, carrying, or positioning the ramp, especially if you have limited strength or mobility. It is recommended to have assistance for transport and setup.
- **Stable Surface:** Always ensure the ramp is placed on a flat, stable, and level surface at both the top and bottom ends. Uneven surfaces can lead to instability and tipping.
- **Secure Placement:** Utilize the integrated safety pin mechanism to secure the ramp's upper lip to the landing surface, preventing accidental slippage during use.
- **Correct Incline:** Refer to the incline chart in the "Specifications" section to select the appropriate ramp length for your required height difference. An excessively steep incline can be dangerous.
- **Non-Slip Surface:** The ramp features a non-slip surface. Keep this surface clean and free from debris, water, ice, or oil to maintain optimal traction.
- **Side Barriers:** The ramp includes raised side barriers to prevent wheels from rolling off the edge. Always center the mobility device on the ramp.
- **Supervised Use:** Always have an attendant assist individuals using wheelchairs or scooters on the ramp.
- **Inspection:** Before each use, inspect the ramp for any signs of damage, wear, or loose components. Do not use if

damaged.

3. Product Overview

The gardhom foldable wheelchair ramp is designed for temporary access solutions, providing a stable and secure path over steps, thresholds, and into vehicles.

3.1 Components and Features

- **Foldable Design:** Allows for compact storage and portability.
- **Aluminum Construction:** Lightweight yet durable, resistant to corrosion.
- **Non-Slip Surface:** Textured surface for enhanced traction.
- **Safety Pin:** Mechanism to secure the ramp to the landing.
- **Reflective Strips:** Yellow and black strips for improved visibility.
- **Side Bumpers:** Raised edges to guide wheels and prevent accidental run-off.
- **Stainless Steel Hinge:** Durable and robust hinge for folding mechanism.
- **Silicone Carrying Handle:** For comfortable transport when folded.

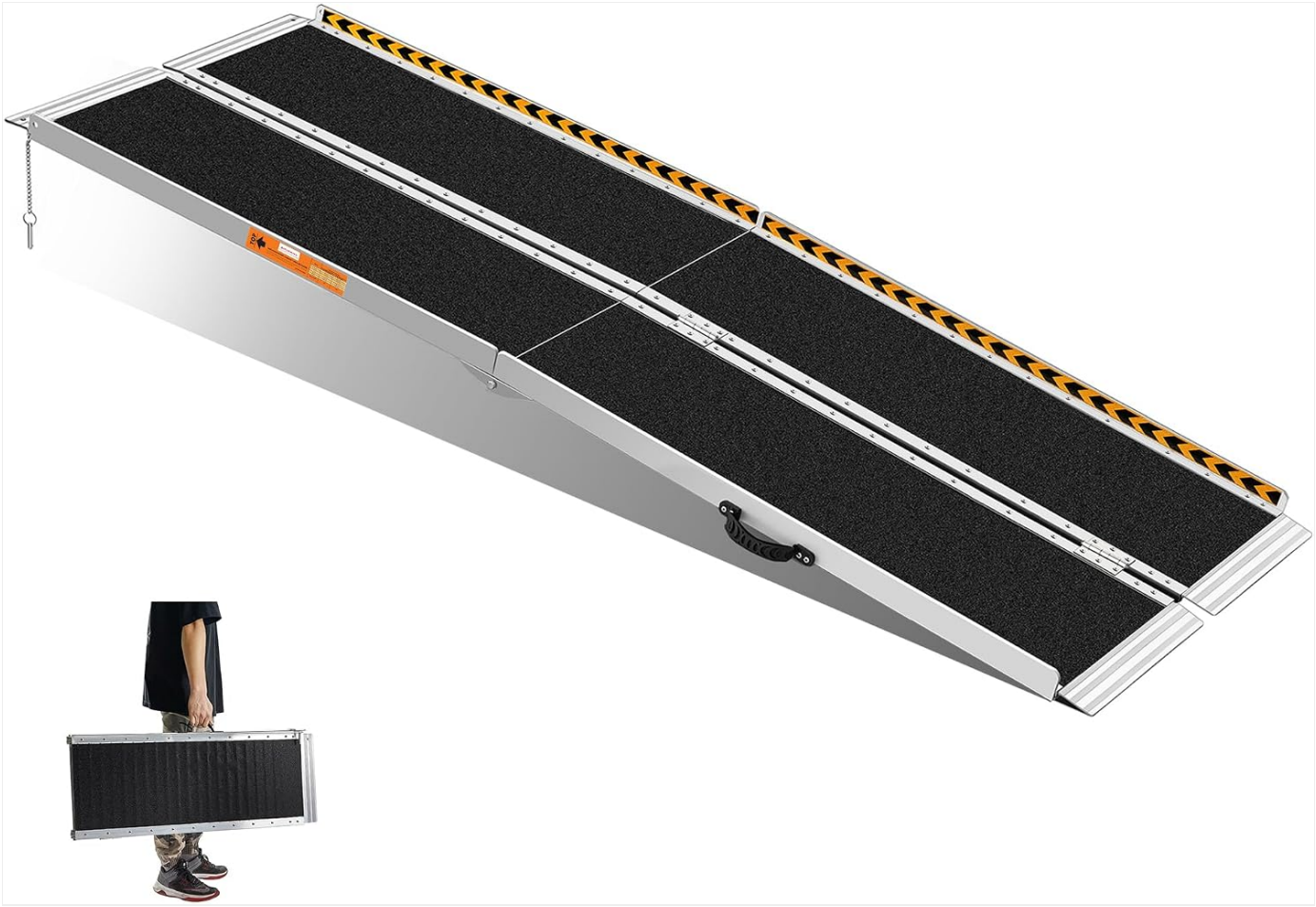


Image 1: The gardhom 213.5cm Foldable Wheelchair Ramp in its unfolded state, showing the non-slip surface and reflective strips.



Image 2: Close-up view highlighting key features: safety pin, non-slip surface, reflective strip, side bumpers, and stainless steel hinge.



Image 3: Detailed view of the durable stainless steel hinge and the comfortable silicone carrying handle.

4. Setup Instructions

1. **Unfold the Ramp:** Place the folded ramp on a flat, stable surface. Carefully unlatch any securing clips and unfold the ramp sections until fully extended.
2. **Positioning:** Position the ramp so that the upper lip rests securely on the higher surface (e.g., step, porch, vehicle floor). Ensure the ramp is centered and aligned with the path of travel.
3. **Secure the Ramp:** Use the integrated safety pin to secure the ramp's upper lip to the landing surface. If drilling is required for permanent installation, ensure appropriate fasteners are used and the surface can support the load. For temporary use, ensure the ramp's lip is firmly seated and cannot slip.
4. **Check Stability:** Before use, gently apply pressure to various points on the ramp to confirm it is stable and does not rock or slide.



Image 4: Visual representation of the ramp's dimensions when unfolded (213.5cm x 72cm) and folded (107cm x 36cm), along with its 362 kg load capacity.

5. Operating Instructions

Follow these guidelines for safe operation of the ramp with mobility devices.

- **Approach:** Approach the ramp slowly and squarely.
- **Ascending:** For manual wheelchairs, push forward with steady, even pressure. For powered wheelchairs or scooters, maintain a slow, consistent speed. An attendant should always assist from behind, especially when ascending.
- **Descending:** For manual wheelchairs, descend backward with an attendant controlling the speed. For powered wheelchairs or scooters, descend forward at a slow, controlled speed. An attendant should always assist from the front, guiding the device.
- **Center Alignment:** Keep the mobility device centered on the ramp at all times to prevent wheels from catching on the side bumpers.

- **Avoid Sudden Movements:** Do not make sudden turns or stops on the ramp.
- **Other Uses:** The ramp can also be used for bicycles, hand trucks, and other wheeled equipment, provided the total weight does not exceed the maximum capacity and the items are handled safely.



Image 5: Demonstrations of the ramp being used for a wheelchair, a bicycle, and a hand truck, illustrating its versatility.

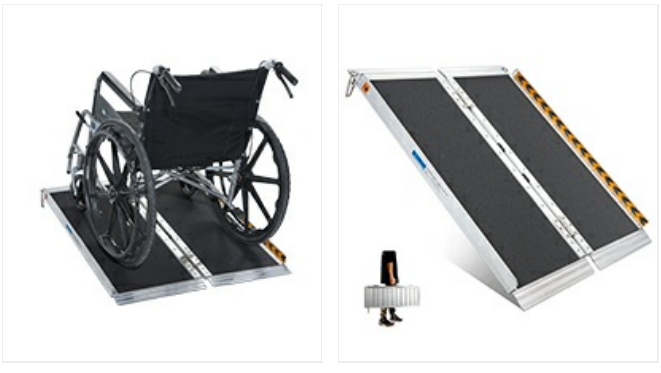


Image 6: A wheelchair positioned on the ramp, demonstrating proper alignment and the non-slip surface.

6. Maintenance

Proper maintenance ensures the longevity and safe operation of your ramp.

- **Cleaning:** Clean the ramp regularly with mild soap and water. Rinse thoroughly and allow to dry completely before folding or storing. Avoid abrasive cleaners or solvents that could damage the surface.
- **Inspection:** Periodically check all bolts, screws, and hinges for tightness. Tighten any loose fasteners. Inspect the non-slip surface for wear or damage.
- **Storage:** When not in use, fold the ramp and store it in a dry, protected area to prevent exposure to harsh weather conditions, which can prolong its lifespan.

7. Troubleshooting

If you encounter issues with your ramp, consider the following:

- **Ramp is Unstable:**
  - Ensure both ends of the ramp are on a flat, level, and stable surface.
  - Verify the safety pin is correctly engaged and securing the ramp to the upper landing.
  - Check for any debris underneath the ramp that might be causing unevenness.
- **Difficulty with Traction:**
  - Clean the non-slip surface to remove any dirt, mud, water, or ice.
  - Ensure the incline angle is not too steep for the mobility device being used.
- **Ramp Does Not Fold/Unfold Smoothly:**
  - Inspect the hinges for any obstructions or damage.
  - Apply a small amount of silicone-based lubricant to the hinges if they are stiff.

8. Specifications

Feature	Detail
Brand	gardhom
Model	UKWR03-7FT-A
Unfolded Dimensions (L x W)	213.5 cm x 72 cm (84 inches x 28.3 inches)
Folded Dimensions (L x W x H)	107 cm x 36 cm x 16 cm (42.1 inches x 14.2 inches x 6.3 inches)
Material	Aluminum
Product Weight	20 kg (44 lbs)
Maximum Load Capacity	362 kg (800 lbs)
Color	Black

8.1 Recommended Incline Angles

The following table provides general guidelines for safe incline angles based on the type of mobility device. Always prioritize safety and user comfort.



Image 7: Chart illustrating recommended ramp lengths for different height differences and types of mobility devices (manual, electric wheelchairs) to achieve safe incline angles.

Incline Angle	Recommended Use
Up to 5 degrees	Manual Wheelchairs (Independent use)
Up to 7 degrees	Electric Wheelchairs / Scooters
Up to 10 degrees	Manual Wheelchairs (Attendant assisted)
Up to 14 degrees	Loading/Unloading unoccupied equipment (e.g., hand trucks, bicycles)

Note: These are general recommendations. Always assess the specific situation, user capabilities, and mobility device limitations before use.

9. Warranty and Support

The gardhom wheelchair ramp comes with a**30-day warranty** covering damages caused by non-human factors. If the ramp does not perform as expected or if you have any questions or concerns, please do not hesitate to contact gardhom customer support. Our professional after-sales team is available to assist you.
For support, please refer to the contact information provided with your purchase or visit the official gardhom website.

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