

KINGRACK VC-WK2227-2

KINGRACK 2-Step Folding Step Ladder Instruction Manual

Model: VC-WK2227-2

1. SAFETY INFORMATION

Read and understand all instructions before using the KINGRACK 2-Step Folding Step Ladder. Failure to follow these instructions may result in serious injury.

- **Maximum Load Capacity:** Do not exceed the maximum load capacity of 800 lbs (approximately 363 kg).
- **Stable Surface:** Always place the ladder on a firm, level, and non-slippery surface.
- **Secure Locking:** Ensure the safety lock mechanism is fully engaged before stepping onto the ladder.
- **Maintain Balance:** Always face the ladder when climbing up or down. Maintain three points of contact (two hands and one foot, or two feet and one hand) at all times.
- **Avoid Overreaching:** Do not overreach. Keep your body centered between the side rails.
- **Footwear:** Wear clean, non-slip footwear when using the ladder.
- **Inspect Before Use:** Before each use, inspect the ladder for any damage, loose parts, or wear. Do not use a damaged ladder.
- **Children and Pets:** Keep children and pets away from the ladder during use and storage.
- **Electrical Hazards:** Avoid using the ladder near live electrical wires or equipment.

2. PRODUCT OVERVIEW

The KINGRACK 2-Step Folding Step Ladder is designed for household and light-duty tasks, providing a stable and secure platform for reaching elevated areas. It features a sturdy steel frame, anti-slip wide pedals, and a convenient handrail for added support.

Components:

- Steel Frame
- Anti-Slip Wide Pedals (2)
- Integrated Handrail

- Safety Lock Mechanism
- Anti-Slip Rubber Feet





Figure 2.1: The KINGRACK 2-Step Folding Step Ladder in its open, ready-to-use position.

3. SETUP AND UNFOLDING

The KINGRACK 2-Step Folding Step Ladder comes fully assembled and is ready for immediate use after unfolding.

1. Place the folded ladder on a flat, stable surface.
2. Grasp the top handrail and gently pull the front and back sections of the ladder apart.
3. Continue to open the ladder until the safety lock mechanism automatically clicks into place. This lock is typically located beneath the top step. Ensure it is fully engaged before use.

NEW SAFETY LOCK DESIGN



Figure 3.1: Illustration of the press-type safety lock mechanism. The lock engages automatically when the ladder is fully open.

4. OPERATING INSTRUCTIONS

Using the Ladder Safely:

- Ensure the ladder is fully open and the safety lock is engaged before climbing.
- Step onto the wide, anti-slip pedals one at a time, maintaining a firm grip on the handrail.
- The anti-slip rubber feet provide stable ground grip and protect floors from scratches.
- Use the ladder for tasks such as reaching high shelves, changing light bulbs, or general cleaning.



Figure 4.1: The wide pedals (15.3 x 10.6 inches) provide ample foot space and feature a non-slip texture for security.



Figure 4.2: Close-up of the anti-slip rubber feet, designed for enhanced traction and floor protection.



Figure 4.3: Example of the ladder's use in a kitchen setting for reaching high cabinets.

5. FOLDING AND STORAGE

The ladder is designed for easy folding and compact storage.

1. Ensure no one is on the ladder and all items are removed from the steps.
2. Locate the red press-type safety lock mechanism, typically under the top step.
3. Gently press the red button on the safety lock.
4. While holding the button, push the back section of the ladder towards the front section until it is fully folded.
5. Store the folded ladder in a dry, safe place, away from children and pets. Its slim profile (3 inches when folded) allows for storage in narrow spaces.



Figure 5.1: Detailed view of the safety buckle and the folding process, showing how to press the red button to collapse the ladder.

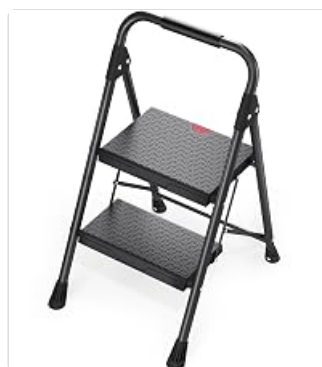


Figure 5.2: The ladder folds to a compact size, making it easy to carry and store.

6. MAINTENANCE

- **Cleaning:** Wipe the ladder with a damp cloth and mild detergent. Avoid abrasive cleaners or solvents.
- **Lubrication:** Periodically check moving parts and hinges. If necessary, apply a small amount of silicone-based lubricant to ensure smooth operation.
- **Storage:** Store the ladder in a dry environment to prevent rust and corrosion.
- **Damage:** If any part of the ladder becomes damaged, bent, or worn, discontinue use immediately and contact customer support for assistance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Ladder does not open fully or lock.	Obstruction in hinge mechanism; safety lock not engaging.	Check for debris in hinges. Ensure the ladder is fully extended until the safety lock clicks into place.

Problem	Possible Cause	Solution
Ladder feels unstable during use.	Uneven surface; safety lock not engaged; damaged feet.	Ensure the ladder is on a flat, level surface. Verify the safety lock is engaged. Inspect rubber feet for wear or damage.
Difficulty folding the ladder.	Safety lock not disengaged; stiff hinges.	Press the red button on the safety lock firmly. Apply a small amount of lubricant to hinges if stiff.

8. SPECIFICATIONS

Feature	Detail
Brand	KINGRACK
Model Number	VC-WK2227-2
Material	Metal (Steel)
Number of Steps	2
Load Capacity	800 Pounds (approx. 363 kg)
Open Dimensions (L x W x H)	18.1" x 22.1" x 32.13" (approx. 46cm x 56cm x 81.6cm)
Folded Dimensions (L x W x H)	18.1" x 3" x 35.4" (approx. 46cm x 7.6cm x 90cm)
Item Weight	10.91 Pounds (approx. 4.95 kg)
Pedal Dimensions	15.3" x 10.6" (approx. 38.9cm x 26.9cm)
Color	Black
Special Feature	Foldable, Anti-Slip Wide Pedals, Handrail, Safe-Lock Design



Figure 8.1: Detailed dimensions of the ladder in both open and folded configurations.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact KINGRACK customer service directly. Keep your purchase receipt for warranty claims.

Contact information can typically be found on the manufacturer's official website or through the retailer where the product was purchased.

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

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

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