

PROAIM CT-VNGD-UCN

PROAIM Vanguard Nano 8-in-1 Adjustable Foldable Cart Instruction Manual

Model: CT-VNGD-UCN | Brand: PROAIM

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your PROAIM Vanguard Nano 8-in-1 Adjustable Foldable Cart. Please read this manual thoroughly before operating the cart to ensure proper handling and to maximize its lifespan. Retain this manual for future reference.



Image 1.1: The PROAIM Vanguard Nano 8-in-1 Adjustable Foldable Cart in its standard configuration.

2. PRODUCT FEATURES

The PROAIM Vanguard Nano Cart is designed for versatility and ease of use, offering multiple configurations to adapt to various transport needs. Key features include:

- **8-in-1 Configuration:** Transforms into eight different shapes to manage luggage, utilities, or heavy equipment up to 150kg (330lb).
- **Foldable Design:** Requires no assembly; unfolds for immediate use and collapses with a foot release bar for compact storage.
- **Compact & Expandable:** Features a narrow 11-inch platform to fit through doorways, with an extendable bed ranging from 24.4 inches to 39 inches for larger items.

- **Smooth Maneuverability:** Equipped with four caster wheels, including 360° swivel and lockable front wheels, for stable and effortless handling.
- **Durable Construction:** Made from alloy steel for robust performance and longevity.

Transforms into 8 Shapes



Image 2.1: Visual representation of the eight possible configurations of the Vanguard Nano Cart.

3. PACKAGE CONTENTS

Upon unpacking, verify that all components are present and undamaged. The PROAIM Vanguard Nano Cart is shipped fully assembled and ready for use. The package should contain:

- 1 x PROAIM Vanguard Nano 8-in-1 Adjustable Foldable Cart (Model: CT-VNGD-UCN)

If any parts are missing or damaged, please contact customer support immediately.

4. SETUP AND INITIAL OPERATION

The Vanguard Nano Cart is designed for quick deployment without complex assembly.

4.1 Unfolding the Cart

1. Place the folded cart on a flat, stable surface.
2. Grasp the main handle and gently pull upwards. The cart frame will begin to extend.
3. Continue pulling until the cart fully extends and locks into an open position. Ensure all locking mechanisms are engaged.

4.2 Adjusting Cart Length

The cart's bed can be extended to accommodate various load sizes.

1. Locate the adjustment knobs or levers on the underside of the cart's frame.
2. Loosen these mechanisms to allow the cart's platform to slide.
3. Extend or retract the platform to the desired length (between 24.4 inches and 39 inches).
4. Securely tighten the adjustment mechanisms to lock the platform in place before loading any items.

Easily Adjusts to Various Load Sizes Extends from 24.4" to 39"

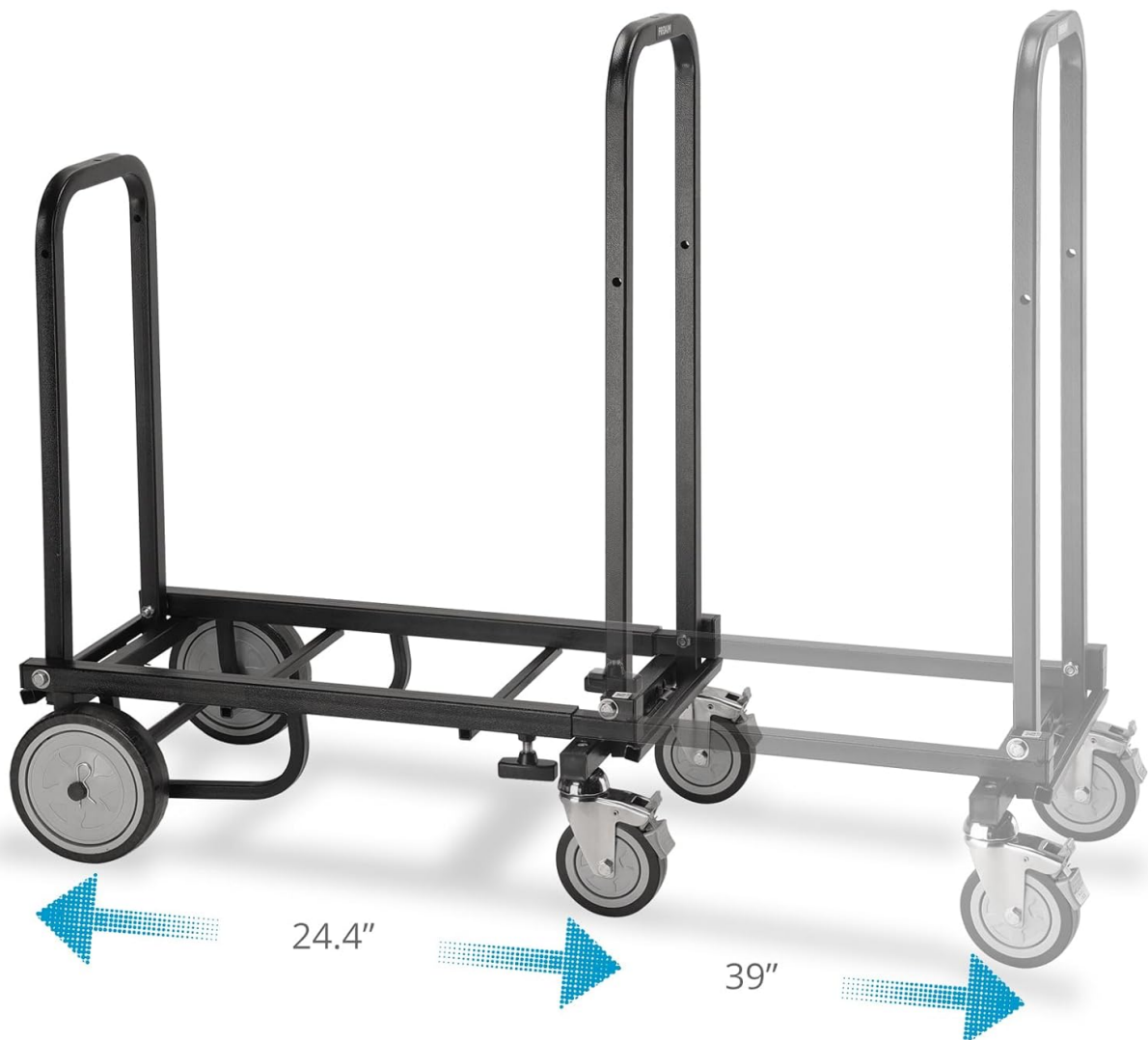


Image 4.1: The cart's platform extending to accommodate different load sizes.

5. OPERATING INSTRUCTIONS

5.1 Changing Configurations

The Vanguard Nano Cart offers 8 configurations. To switch between them, you will typically adjust the handle positions and the cart's length. Refer to the visual guide (Image 2.1) for examples of different setups.

- **Upright Hand Truck:** For tall, narrow items. Ensure handles are fully extended and locked.
- **Platform Cart:** For wider or multiple items. Handles can be folded down or used as side supports.
- **Extended Platform:** Utilize the adjustable length feature for longer items.
- **Two-Wheel Dolly:** For quick transport of smaller loads.

Experiment with different handle and platform adjustments to find the optimal configuration for your specific load.



Image 5.1: The cart loaded with various equipment, demonstrating its capacity.

5.2 Using the Wheels and Brakes

The cart features four caster wheels for 360° maneuverability. The front wheels are equipped with locking mechanisms.

- To lock a front wheel, press down on the lever located on the wheel assembly.
- To unlock, lift the lever upwards.
- Always engage the wheel locks when loading or unloading the cart, or when parking it on an incline, to prevent unintended movement.

Smooth Movement, Agile Handling

Precision Rolling Wheels & Efficient Brake System



Image 5.2: Detail of the cart's caster wheels and the locking mechanism on the front wheels.

5.3 Folding for Storage

To fold the cart for compact storage:

1. Ensure the cart is empty and the platform is in its shortest configuration.
2. Locate the foot release bar, typically near the base of the handles.
3. Press down on the foot release bar while simultaneously pushing the handles downwards.
4. Continue to collapse the cart until it is fully folded. Ensure all parts are securely nested.

Foldable & Easy to Store

Collapses with Foot Release Bar



Image 5.3: The cart being folded and stored, demonstrating its compact nature.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your PROAIM Vanguard Nano Cart.

- **Cleaning:** Wipe down the cart with a damp cloth after use, especially if exposed to dirt or moisture. Avoid harsh chemicals that may damage the finish.
- **Wheel Inspection:** Periodically check the wheels for debris, wear, or damage. Ensure they spin freely and the locking mechanisms function correctly.
- **Fastener Check:** Regularly inspect all bolts, screws, and locking pins. Tighten any loose fasteners to maintain structural integrity.
- **Lubrication:** Apply a small amount of silicone-based lubricant to moving parts, such as the extension slides and wheel axles, if movement becomes stiff.
- **Storage:** Store the cart in a dry, clean environment when not in use to prevent corrosion and damage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Vanguard Nano Cart.

- **Cart is difficult to unfold or fold:**

- Ensure the foot release bar is fully depressed when folding.
- Check for any obstructions in the folding mechanism.
- Apply lubricant to the pivot points if stiffness persists.

- **Wheels are not rolling smoothly:**

- Inspect wheels for embedded debris (e.g., hair, string) and remove them.
- Check if the wheel axles are loose or damaged.
- Lubricate the wheel bearings if necessary.

- **Cart feels unstable or wobbly:**

- Verify that all locking mechanisms for the handles and platform extension are fully engaged.
- Check and tighten all visible bolts and fasteners.
- Ensure the load is evenly distributed and within the specified weight capacity.

If you encounter issues not covered here or require further assistance, please contact PROAIM customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	PROAIM
Model Number	CT-VNGD-UCN
Material	Alloy Steel
Load Capacity	150 kg / 330 lbs
Item Weight	8.7 Kilograms / 19.14 pounds
Product Dimensions (Folded)	11.02 x 18.9 x 27.95 inches (approximate)
Extendable Bed Range	24.4 inches to 39 inches
Platform Width	11 inches (narrowest point)
Number of Wheels	4 (Caster type, front two lockable)
UPC	650311063630

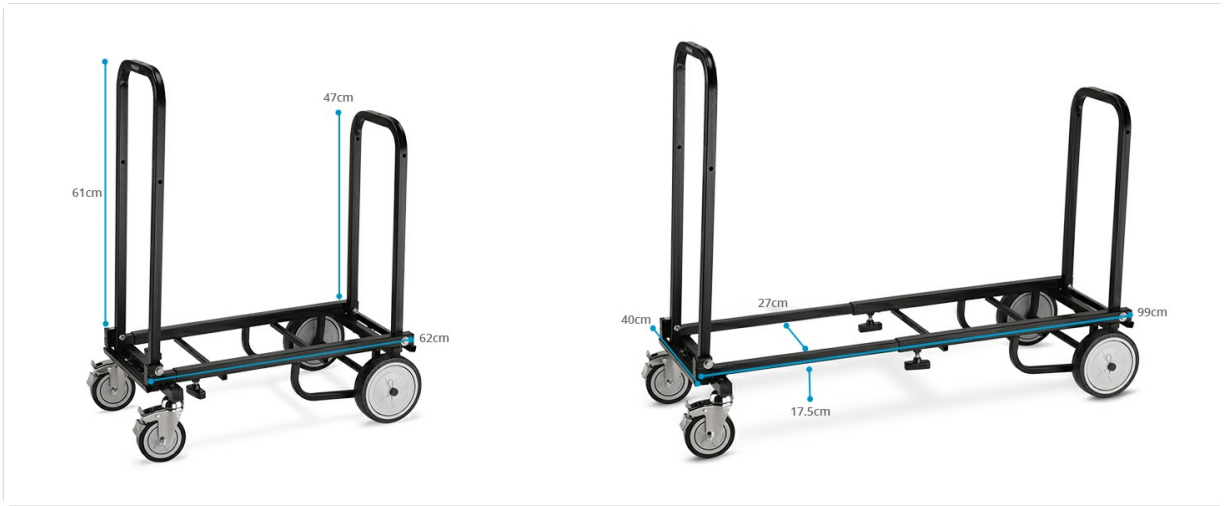


Image 8.1: Dimensional diagram of the cart in various configurations.

9. WARRANTY AND SUPPORT

PROAIM products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your purchase or visit the official PROAIM website. If you require technical support, replacement parts, or have any questions regarding your PROAIM Vanguard Nano Cart, please contact PROAIM customer service through their official channels. For further assistance, you may visit the [PROAIM Store on Amazon](#).

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Related Documents - CT-VNGD-UCN

	<p>PROAIM Vanguard Collapsible Utility Production Cart Assembly Manual</p> <p>Assembly and setup guide for the PROAIM Vanguard Collapsible Utility Production Cart (CT-VNGD-UC5), detailing wheel installation, handle operation, extendable bed setup, and O-ring replacement.</p>
	<p>PROAIM Vanguard CT-VNGD-UC5 Collapsible Utility Production Cart Assembly Guide</p> <p>Detailed assembly instructions, features, and warranty information for the PROAIM Vanguard Collapsible Utility Production Cart (CT-VNGD-UC5). Learn how to set up and use this versatile, heavy-duty cart.</p>



[Proaim Vanguard Collapsible Cart CT-VNGD-CS Assembly Manual](#)

Step-by-step assembly guide and parts list for the Proaim Vanguard Collapsible Cart (CT-VNGD-CS), a durable solution for organizing and transporting C-stands and other film/video equipment.



PROAIM Utility Shelf for Vanguard UC5 Production Cart Assembly Manual

Assembly manual for the PROAIM Utility Shelf designed for the Vanguard UC5 Production Cart (VNGD-UC5-US). Includes setup instructions, features, and warranty information.



PROAIM Vanguard Collapsible Cart for C-stands (CT-VNGD-CS) Assembly Manual

Assembly instructions and details for the PROAIM Vanguard Collapsible Cart, designed for holding C-stands. Includes parts list, setup guide, warranty information, and product overview.



Proaim Soundchief OG Professional Sound Cart (CT-SDCF-OG) - Setup and Features

Comprehensive guide to the Proaim Soundchief OG Professional Sound Cart (CT-SDCF-OG), including unboxing, assembly instructions, features, and warranty information for audio professionals.