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> [VOCIC U31 Lightweight Foldable Wheelchair Instruction Manual](#)

## VOCIC U31

# VOCIC U31 Lightweight Foldable Wheelchair Instruction Manual

Model: U31 | Brand: VOCIC

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective use, assembly, maintenance, and troubleshooting of your VOCIC U31 Lightweight Foldable Wheelchair. Please read this manual thoroughly before initial use and retain it for future reference. Proper understanding and adherence to these instructions are crucial for user safety and product longevity.

The VOCIC U31 wheelchair is designed for adults, featuring a lightweight carbon steel frame, a double-brake system, flip-back armrests, and removable swing-away footrests. It supports both self-propelled and assisted modes of operation.

## 2. PRODUCT COMPONENTS

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Before assembly, ensure all components are present and undamaged. The instruction manual is located in a small pocket behind the backrest.

- Wheelchair Body (main frame with seat and backrest)
- Foot Pedals (2 units)
- Leggings (2 units)
- Instruction Manual
- Tools (if included for minor adjustments)

# Top Puncture-resistant Tires

Suitable for All Terrain



24in Oversize



Anti Slip



Shock Absorption



Figure 2.1: Overview of the VOCIC U31 wheelchair components, including the main body, foot pedals, and leggings.

## 3. SETUP AND ASSEMBLY

Follow these steps to correctly set up your VOCIC U31 wheelchair:

1. **Unfolding the Wheelchair:** Place the folded wheelchair on a flat surface. Use both hands to grasp the sides of the handrail and expand the wheelchair outwards to its maximum state. Then, firmly press the seat down until it is fully open and stable.
2. **Backrest Adjustment:** Fold the backrest upwards until it locks into position.
3. **Retrieve Manual:** Locate and remove the instruction manual from the small storage pocket behind the backrest.
4. **Install Foot Pedals:** Attach the foot pedals to the designated slots on the front frame of the wheelchair. Ensure they click securely into place.
5. **Install Leggings:** Secure the leggings to the lower part of the wheelchair frame, ensuring they are properly

aligned and fastened.

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**Video 3.1:** This video demonstrates the step-by-step assembly process for the VOCIC U31 Premium Wheelchair, including unfolding, attaching footrests, and securing components.



Figure 3.2: The VOCIC U31 wheelchair fully assembled and ready for use.

## 4. OPERATING INSTRUCTIONS

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The VOCIC U31 wheelchair offers both self-propelled and assisted modes for user convenience.

### 4.1. Braking System

The wheelchair is equipped with a double-brake design for enhanced safety:

- **Handle Brakes:** Located on the push handles, these brakes are primarily for the assistant to control speed and stop the wheelchair. Squeeze the levers to engage.
- **Handbrakes (Manual Emergency Braking):** Positioned near the user's seat, these brakes allow the user to lock the wheels for stability when stationary or for emergency stops. Push the levers down to lock the wheels.

# Dual Brake System

360° Guard Your Safety



Figure 4.1: Illustration of the dual brake system, showing both the handle brake for assistants and the handbrake for the user.

## 4.2. Armrests and Footrests

- **Flip-Back Armrests:** The armrests can be flipped back to facilitate easier transfers into and out of the wheelchair.
- **Removable Swing-Away Footrests:** The footrests can be swung away or completely removed to provide more space for transfers or to reduce the wheelchair's length for storage.

# Easy to Fold and Transport

Fits in most trunks

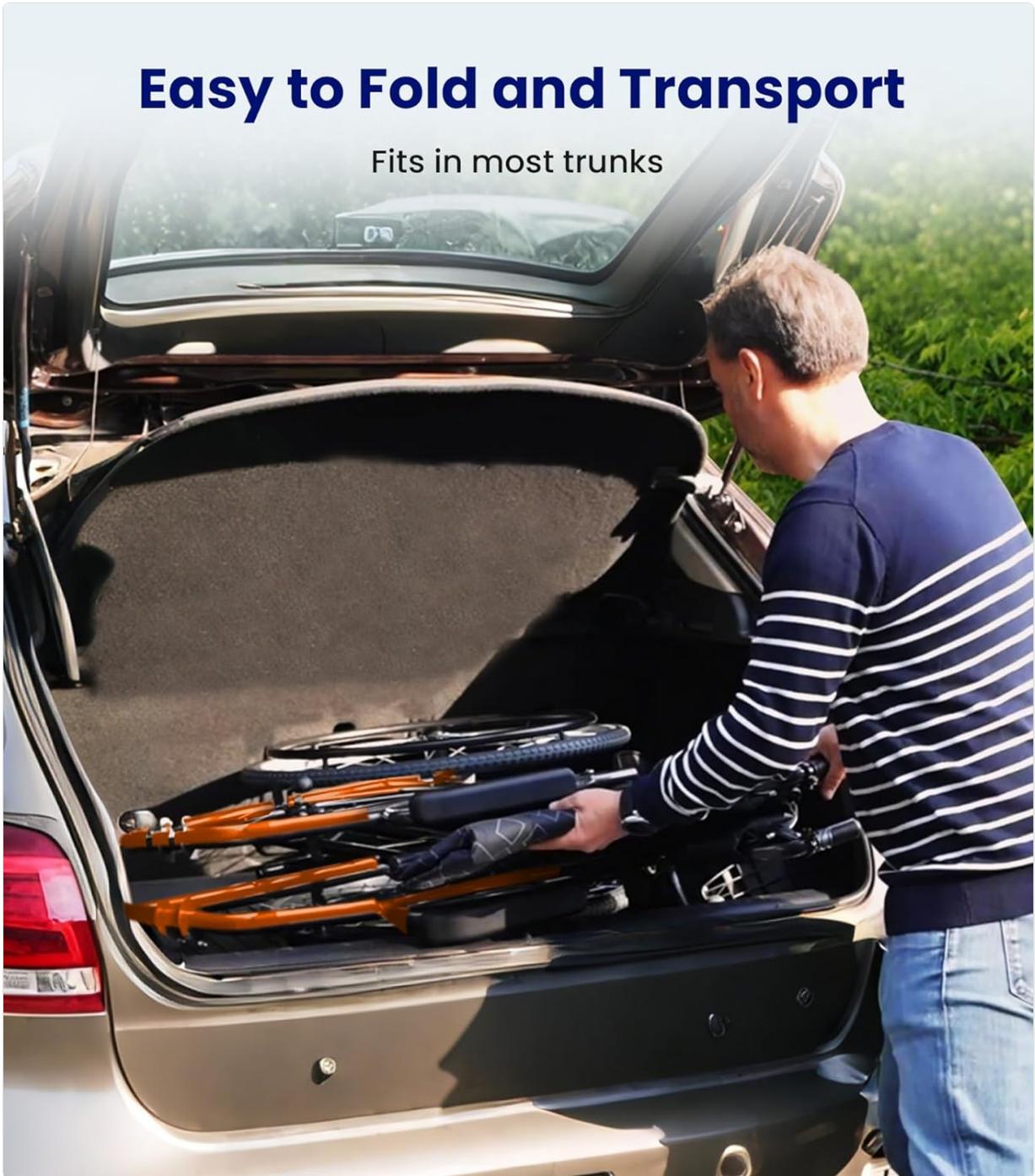


Figure 4.2: The flip-back armrests allow for convenient side transfers.

## 4.3. Self-Propelled and Assisted Modes

- **Self-Propelled Mode:** Users can propel themselves by gripping the wave-shaped hand rims on the large rear wheels.
- **Assisted Mode:** An assistant can push the wheelchair using the handles, utilizing the handle brakes for control.

## 4.4. Safety Features

- **Seat Belts:** Always use the integrated seat belt for added security during transit.
- **Leggings:** The leggings provide protection against friction or collision for the user's legs.
- **Tilt Assist:** A small lever near the rear wheels allows an assistant to tilt the wheelchair slightly to navigate curbs or small obstacles more easily.

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**Video 4.3:** This video showcases the VOCIC U31 Premium Wheelchair in various operational scenarios, demonstrating its lightweight design, maneuverability, and dual-mode functionality for both user self-propulsion and assisted movement.

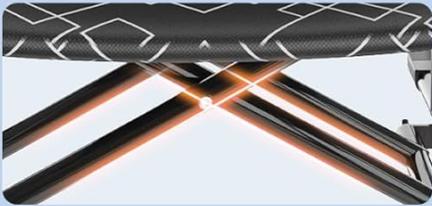
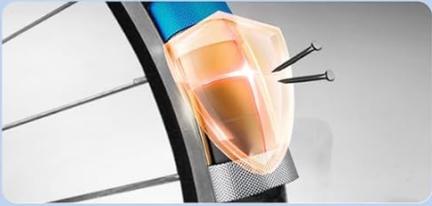
## 5. FOLDING AND STORAGE

The VOCIC U31 wheelchair features a quick-fold design for convenient transport and storage.

1. **Fold the Backrest:** First, release the backrest lock and fold the backrest downwards.
2. **Collapse the Seat:** Grasp both sides of the seat cushion and pull it upwards forcefully. The wheelchair frame will begin to collapse inwards.
3. **Secure the Fold:** Continue to pull the seat upwards until the wheelchair is fully folded into a compact state. Ensure all parts are securely tucked in.

The compact folded size (approximately 11.8" x 29.9") allows for easy storage in most car trunks or small spaces.

# VOCIC, Best Choice!

  <b>Double X Structure</b> More Stable	VS	  <b>Single X Structure</b>
 <b>Dual Brake Mode</b> More Secure	VS	 <b>Single Brake</b>
 <b>Top Puncture-proof Tires</b> More durable	VS	 <b>Regular Tires</b>

**Figure 5.1:** The wheelchair's quick-fold design allows for easy placement into a car trunk for transport.

# Product Size



**300 LBS**  
Weight Capacity



**38.6 LBS**  
Product Weight



**4.9 FT-6.3 FT**  
Suitable Height



Figure 5.2: Detailed dimensions of the wheelchair, including its compact folded size.

## 6. MAINTENANCE AND CARE

Regular maintenance ensures the safety and extends the lifespan of your wheelchair.

- **Cleaning:** Wipe down the frame and seat with a damp cloth and mild soap. Avoid harsh chemicals. Ensure the wheelchair is dry before storage.
- **Brake Inspection:** Regularly check the functionality of both handle brakes and handbrakes. Ensure they engage firmly and hold the wheels securely. Adjust if necessary according to the instructions in the full manual.
- **Tire Check:** Inspect the tires for wear and tear. The puncture-resistant tires are designed for durability, but regular checks are recommended. Ensure the 360° swivel front wheels move freely.
- **Frame and Fasteners:** Periodically check all bolts, screws, and fasteners to ensure they are tight. Inspect the carbon steel frame for any signs of damage or stress.
- **Cushion Care:** The breathable rebound cushion can be spot cleaned. Refer to the fabric care label for

specific instructions.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter with your wheelchair.

Problem	Possible Cause	Solution
Wheelchair does not unfold completely.	Seat cushion not pulled up sufficiently; frame components obstructed.	Ensure the seat cushion is pulled up firmly until the frame locks into place. Check for any obstructions.
Brakes are not engaging effectively.	Brake cables are loose; brake pads are worn.	Inspect brake cables for tension and adjust if necessary. Check brake pads for wear and replace if worn. Consult a qualified technician if unsure.
Wheels are not turning smoothly.	Debris in wheel bearings; loose axle; worn tires.	Clean any debris from the wheels and axles. Ensure axles are properly secured. Inspect tires for damage.
Footrests are difficult to attach/remove.	Release mechanism not fully engaged/disengaged; debris in the attachment points.	Ensure the release lever is fully pressed or pulled. Clear any debris from the attachment points.

## 8. TECHNICAL SPECIFICATIONS

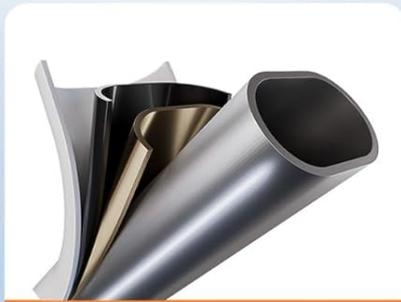
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Key technical details for the VOCIC U31 Wheelchair:

Feature	Detail
Model Number	U31
Brand	VOCIC
Material	Carbon Steel (Double X-Frame)
Product Weight	38.6 lbs
Maximum Load Capacity	300 lbs
Seat Depth	17.7 inches
Rear Wheel Size	23.6 inches (Wear-Resistant, Puncture Protection)
Front Wheels	360° Swivel PU
Folded Size	11.8" x 29.9" (approximate)
Armrests	Flip-back
Footrests	Removable, Swing-Away
Brake System	Double Brake (Handle Brake & Handbrake)

# Dual X Carbon Steel Frame

Sturdy & Stable & Durable



8MM Carbon-steel



Double X Frame



Hold up to:  
**300 LBS**



Figure 8.1: The robust double X-frame constructed from carbon steel, designed for stability and durability.

## 9. WARRANTY AND SUPPORT

For warranty information, product support, or to inquire about replacement parts, please refer to the contact details provided with your purchase documentation or visit the official VOCIC website. Keep your purchase receipt as proof of purchase for warranty claims.