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VOCIC D50 Lightweight Aluminum Folding Mobility Scooter User Manual

Model: D50

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and care of your VOCIC D50 Lightweight Aluminum Folding Mobility Scooter. Please read this manual thoroughly before using your scooter to ensure proper function and to prevent injury or damage.

The VOCIC D50 is designed for individuals seeking a portable and reliable mobility solution. It features a lightweight aluminum alloy frame, a powerful motor, and an intuitive control system.



Figure 1: VOCIC D50 Mobility Scooter in use.

Ultra-light & Strong

Enjoy the ease of travel



30%+

lighter than steel



265lbs

hold up to

Figure 2: Lightweight and strong aluminum alloy construction of the VOCIC D50.

2. SAFETY INFORMATION

Your safety is paramount. Adhere to the following guidelines to ensure safe operation:

- Always ensure the battery is fully charged before use.
- Familiarize yourself with the control panel functions, including speed adjustment, battery indicator, horn, LED light switch, and lock switch.
- The scooter is equipped with anti-tip wheels and an electromagnetic braking system for stability and immediate stopping upon release of the controller.
- Utilize the rearview mirror to maintain awareness of your surroundings.
- The headlight and brake reminder function enhance visibility and safety during night operation.
- Avoid operating the scooter in constantly wet environments, as the controller and connectors are not fully waterproof.

- Always follow local traffic laws and regulations for mobility devices.



Figure 3: Electromagnetic braking system for enhanced safety.

3. SETUP AND ASSEMBLY

The VOCIC D50 mobility scooter is designed for quick assembly and disassembly, typically taking less than 10 minutes.

3.1 Unfolding and Initial Assembly

1. Carefully remove the scooter components from the packaging.
2. Unfold the main frame of the scooter.
3. Attach the seat assembly to the main frame. Ensure it is securely seated.
4. Adjust the handlebar to a comfortable height and secure it.
5. Ensure the battery is properly installed and connected.

3.2 Charging the Battery

Before first use, fully charge the lithium-ion battery (24 V/20 Ah). The charging time is approximately 6 hours. Refer to the battery charger's instructions for specific charging procedures.

3.3 Transporting the Scooter

The scooter can be easily disassembled and folded for transport. Its maximum weight is approximately 63.9 lbs (with battery). For safety, it is recommended that two people lift the scooter when placing it into a vehicle trunk.

Easy to Transport

Fits most car trunk



Figure 4: Steps for folding and transporting the scooter.

4. OPERATING INSTRUCTIONS

4.1 Control Panel Overview

The VOCIC D50 features an intuitive control panel on the handlebar:

User-Friendly Control Panel

Simple and easy to operate



Figure 5: User-Friendly Control Panel.

- **Keyhole:** Insert the key and turn to power on/off the scooter.
- **Battery Indicator:** Displays the current battery charge level.
- **Speed Adjustment:** Dial to select desired speed setting (maximum speed 3.75 mph).
- **Left Lever:** Press to engage reverse motion.
- **Right Lever:** Press to engage forward motion.
- **Horn Button:** Activates the horn.
- **LED Light Switch:** Turns the front LED headlight and rear brake reminder light on/off.
- **USB Charging Port:** For charging small electronic devices.

4.2 Adjustability

The scooter offers multi-level adjustments for user comfort and suitability for various body types:



Figure 6: Ergonomic and adjustable features of the scooter.

- **Adjustable Handle:** Customize the handlebar height for comfortable steering.
- **Seat Height:** Adjust the seat height to your preference.
- **Foldable Armrests:** Armrests can be adjusted and folded for easy access and comfort.
- **360° Swivel Seat:** The seat can rotate for convenient mounting and dismounting.

4.3 Driving the Scooter

1. Ensure you are seated comfortably and the scooter is powered on.
2. Select a low speed setting initially using the speed adjustment dial.
3. Gently press the right lever to move forward. Release the lever to stop.
4. To reverse, gently press the left lever. Release to stop.
5. Steer by turning the handlebar. The scooter has a minimum turning radius of 27.5 inches for maneuverability.

6. The scooter has a travel range of up to 16 miles on a single charge.



Figure 7: Scooter travel range and battery information.

5. MAINTENANCE

5.1 Battery Care

- Charge the battery regularly, even if the scooter is not in frequent use, to prolong its lifespan.
- Avoid completely draining the battery before recharging.
- The lithium-ion battery has an estimated service life of up to 10 years with proper care.

5.2 Tire Maintenance

The scooter is equipped with puncture-resistant, anti-slip, inflation-free, and wear-resistant rubber tires, minimizing maintenance needs. Regularly inspect tires for any signs of damage or excessive wear.

Puncture-Resistant Rubber Tires

Fearless of flat tires, Travel with ease

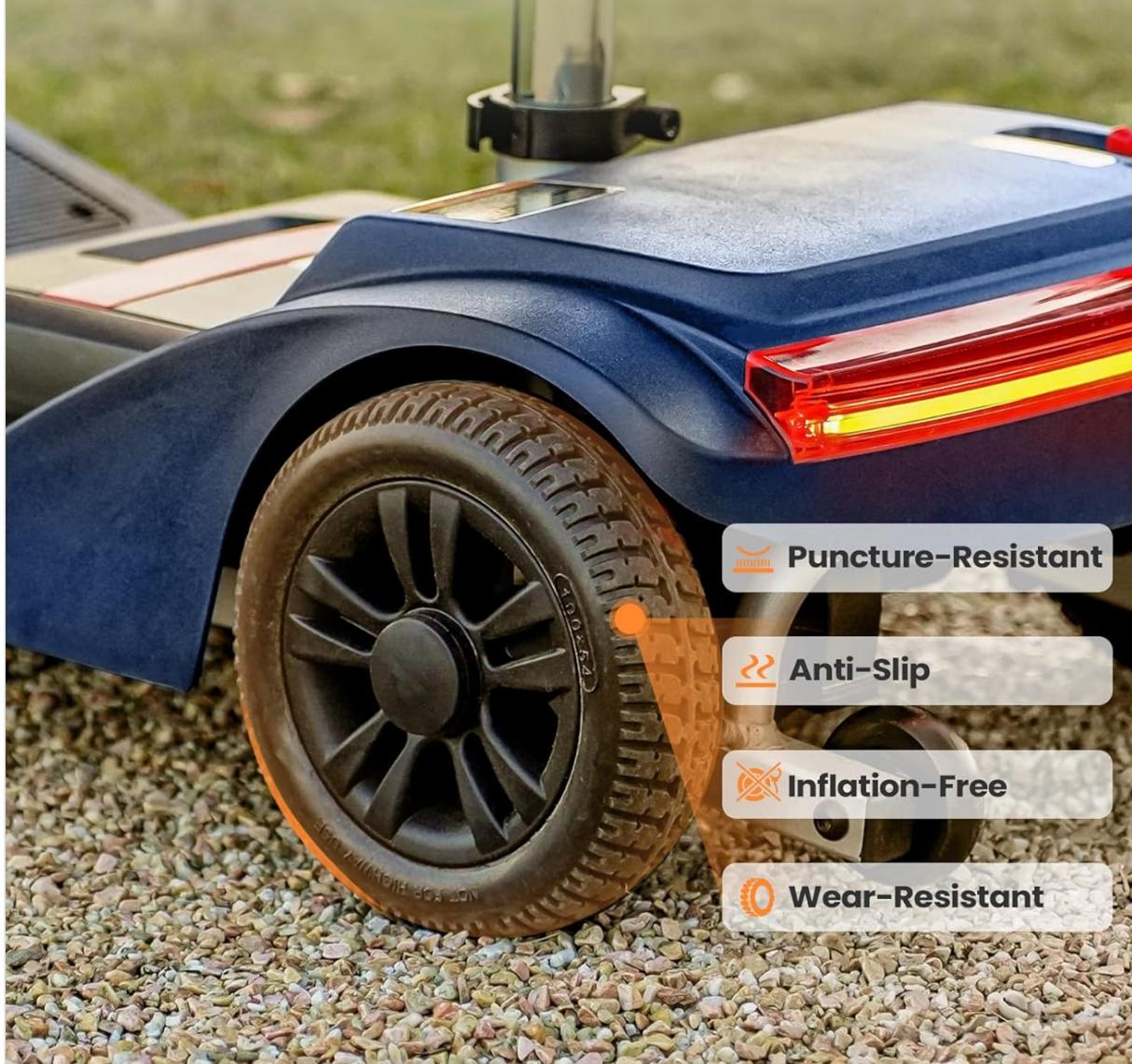


Figure 8: Puncture-resistant rubber tires.

5.3 General Cleaning

Clean the scooter regularly with a damp cloth. Avoid using harsh chemicals or excessive water, especially near electrical components.

6. TROUBLESHOOTING

If you encounter any issues with your VOCIC D50 mobility scooter, consider the following basic checks:

- **Scooter does not power on:** Ensure the key is fully inserted and turned to the 'ON' position. Check the battery indicator to confirm sufficient charge. Verify battery connections are secure.
- **Scooter does not move:** Ensure the scooter is powered on and the speed adjustment dial is not set to zero. Check that the levers are fully engaged.
- **Reduced range or power:** The battery may require a full charge. Battery performance can be affected by extreme temperatures or prolonged disuse.

For issues not resolved by these steps, please contact customer support.

7. SPECIFICATIONS



Figure 9: VOCIC D50 Mobility Scooter dimensions and key specifications.

D50 Portable Mobility Scooter



Product Size	39.4" * 20.7" *35.0"	Brake System	Electromagnetic Brake
Folding Size	39.4" *20.7" *13.8"	Minimum Turning Radius	27.5"
N.W.(battery excluded)	51.8lbs	Motor	24v/250w (Brushless Motor)
N.W.(battery included)	63.9lbs	Travel Range	16Miles
Seat (W*D)	16.9" *16.1"	Maximum Speed	3.75mph
Backrest (W*H)	16.1" *13.8"	Load-Bearing	265lbs
Seat Height	18.5" -19.7"	Front Wheel Dia.	6"
Handrail Width Range	16.5" -22.8"	Rear Wheel Dia.	7.5"
Frame Material	Aluminum Alloy	Braking Distance	0.47"(At max speed)

Figure 10: Detailed technical specifications table for the VOCIC D50.

VOCIC D50 Portable Mobility Scooter Key Specifications

Product Size	39.4" L x 20.7" W x 35.0" H
Folding Size	39.4" L x 20.7" W x 13.8" H
Net Weight (battery excluded)	51.8 lbs
Net Weight (battery included)	63.9 lbs
Seat (W*D)	16.9" x 16.1"
Backrest (W*H)	16.1" x 13.8"
Seat Height	18.5" - 19.7" (Adjustable)
Handrail Width Range	16.5" - 22.8" (Adjustable)
Frame Material	Aluminum Alloy
Brake System	Electromagnetic Brake
Minimum Turning Radius	27.5"
Motor	24V/250W (Brushless Motor)
Travel Range	16 Miles
Maximum Speed	3.75 mph
Load-Bearing Capacity	265 lbs
Front Wheel Diameter	6"
Rear Wheel Diameter	7.5"
Braking Distance	0.47" (at max speed)

8. WARRANTY AND CUSTOMER SUPPORT

8.1 Product Warranty

The VOCIC D50 Mobility Scooter comes with a **3-YEAR GUARANTEE**. This warranty covers

manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For any questions, concerns, or assistance with your scooter, please contact VOCIC customer service. You can typically reach us through the platform where you purchased the product or via the contact information provided on the VOCIC brand store page.

We are dedicated to providing exceptional customer service to ensure you have the best possible experience with your scooter.

9. PRODUCT VIDEOS

No official seller videos were provided for embedding in this manual. For additional visual guides or demonstrations, please refer to the product page or the manufacturer's official channels.

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Related Documents - D50

	<p>VOCIC Rollator Z51 Instruction Manual</p> <p>Comprehensive instruction manual for the VOCIC Rollator Z51, detailing safety precautions, product information, assembly, operation, and after-sales service.</p>
	<p>VOCIC Electric Wheelchair RLD-100W03B User Manual and Technical Specifications</p> <p>This document provides comprehensive instructions and technical specifications for the VOCIC Electric Wheelchair, model RLD-100W03B. It covers safety guidelines, product details, assembly, operation, charging, maintenance, and customer support.</p>
	<p>VOCIC RLD-100W03B Electric Wheelchair Instruction Manual</p> <p>Comprehensive instruction manual for the VOCIC RLD-100W03B Electric Wheelchair, covering safety, product information, assembly, operation, charging, maintenance, and warranty.</p>

	<p><u>VOCIC Electric Wheelchair User Manual</u></p> <p>User manual for the VOCIC Electric Wheelchair Model RLD-100W01A, SKU V-EW-V56-E-SV. Includes safety instructions, product information, assembly, usage, charging, maintenance, and customer service details.</p>
	<p><u>VOCIC AX35 Chair Lift User Manual and Product Information</u></p> <p>Comprehensive guide for the VOCIC AX35 Chair Lift, covering safety instructions, product information, installation, operation, troubleshooting, and after-sales service. Designed for elderly and disabled individuals to assist with safe lifting and lowering.</p>
	<p><u>D50 Suction Bracket Type Car Digital Video Recorder (DVR) Instruction Manual</u></p> <p>Instruction manual for the D50 Suction Bracket Type Car Digital Video Recorder (DVR), covering setup, operation, features, and troubleshooting.</p>