

VOCIC AY13

VOCIC Sit to Stand Assist Lift AY13 User Manual

Model: AY13 | Brand: VOCIC

1. INTRODUCTION

The VOCIC Sit to Stand Assist Lift, Model AY13, is an ergonomic mobility aid designed to facilitate smooth and supported transitions between sitting and semi-standing positions. It is ideal for users who retain some lower body strength and aims to reduce physical strain on caregivers during daily assisted transfers from beds, wheelchairs, and chairs. This manual provides essential information for safe assembly, operation, and maintenance of your device.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or damage to the product.

- **Weight Capacity:** Do not exceed the maximum weight capacity of 265 pounds (120 kg).
- **User Capability:** This device is intended for users who retain some lower body strength and can actively participate in the standing process. It is not a full patient lift.
- **Caregiver Assistance:** Always use the lift with the assistance of a trained caregiver.
- **Wheel Locks:** Ensure all wheel locks are engaged before initiating any transfer or when the device is stationary.
- **Stable Surface:** Operate the lift on a stable, level surface. Avoid uneven terrain or steep inclines.
- **Clearance:** Ensure adequate clearance around the device and the user during transfers to prevent collisions.
- **Inspection:** Before each use, inspect the device for any loose parts, damage, or signs of wear. Do not use if damaged.
- **Patient Height:** Suitable for patients with a height range of approximately 5'1" to 6'4".

3. PACKAGE CONTENTS

Please verify that all components are present before beginning assembly. The package includes the main frame, base, knee pads, split seat pads, handlebars, and all necessary fasteners and tools for assembly.

4. ASSEMBLY INSTRUCTIONS

Assembly of the VOCIC Sit to Stand Assist Lift AY13 is designed to be straightforward, typically taking around 15 minutes. Follow these steps carefully:

1. **Install the Base:** Securely attach the main vertical column to the base unit. Ensure all bolts are tightened. It is recommended to use a socket wrench for optimal security.
2. **Attach the Kneepads:** Mount the cushioned kneepads to the designated support tubes on the main column. Insert the screws and tighten them firmly.
3. **Tighten the Handlebars:** Attach the handlebars to the top of the main column. Ensure they are securely fastened and do not wobble.



Figure 4.1: Easy Assembly Steps. This image illustrates the three main steps for assembling the VOCIC Sit to Stand Assist Lift: 1) Installing the base, 2) Attaching the kneepads, and 3) Tightening the handlebars.

For a visual guide on assembly and usage, please refer to the official product video below:

Video 4.2: VOCIC Sit to Stand Assist Lift, AY13 Overview. This video provides a general overview of the VOCIC Sit to Stand Assist Lift, Model AY13, including its features and how it is used.

5. OPERATING INSTRUCTIONS

The VOCIC Sit to Stand Assist Lift is designed for effortless transfers with caregiver assistance. Always ensure the user is capable of bearing some weight and can grasp the handles securely.

1. **Positioning:** Roll the lift close to the user, ensuring the base is positioned correctly around their feet or under the furniture (bed, wheelchair, toilet).
2. **Engage Locks:** Firmly press down on the dual foot-pedal locks on the rear wheels to ensure the unit is completely stationary.
3. **Foot Placement:** Instruct the user to place their feet flat on the anti-slip base.
4. **Grip Handles:** Guide the user to grasp the ergonomic, foam-wrapped handles firmly.
5. **Assisted Standing:** With caregiver support, the user pulls on the handles and uses their leg strength to transition to a semi-standing position. The cushioned kneepads provide stable lower limb support during this process.
6. **Seat Engagement (for sitting):** Once the user is in a semi-standing position, the caregiver can easily flip the split-design seat pads down for the user to sit on, providing full support and security.
7. **Transferring:** To move the user, disengage the wheel locks and gently guide the lift to the desired location. Re-engage the wheel locks before the user sits down or stands up again.

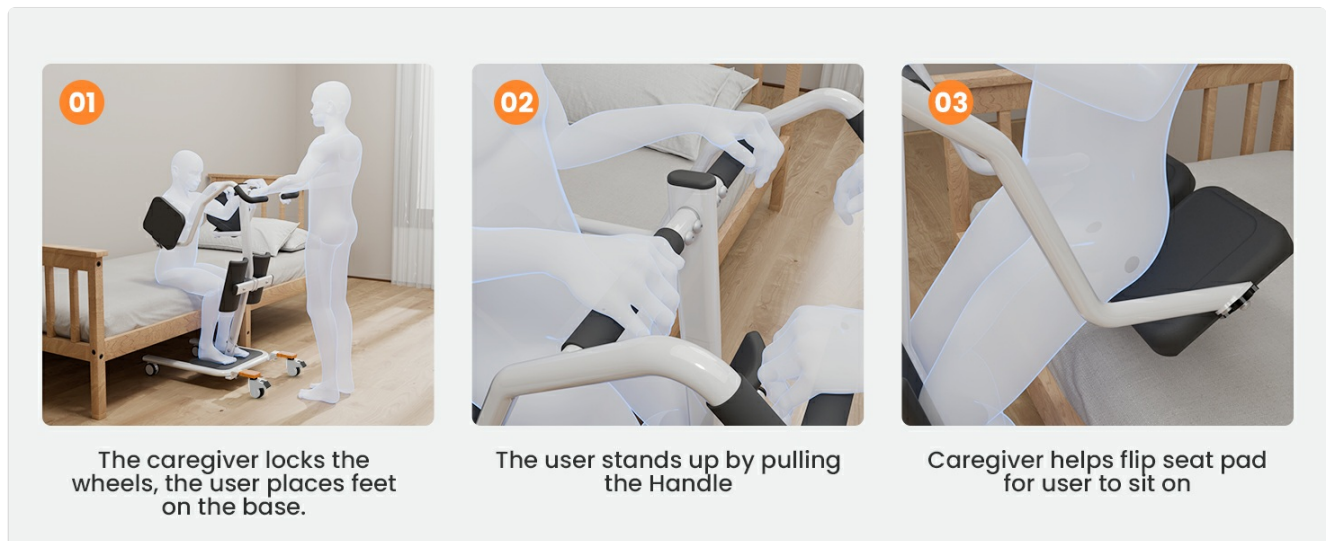


Figure 5.1: Operating Steps. This diagram illustrates the sequence of operations: 1) Caregiver locks wheels and user places feet, 2) User stands by pulling handles, 3) Caregiver helps flip seat pad for user to sit.

Easily Transfer Patients

Assisting caregivers to safely transfer users



Figure 5.2: Assisted Transfer. A caregiver assists a senior user in transferring from a bed to a standing position using the VOCIC Sit to Stand Assist Lift.

Video 5.3: VOCIC Sit to Stand for Seniors, AY13. This video demonstrates the practical application of the VOCIC Sit to Stand Assist Lift, AY13, for seniors, showcasing its ease of use for transfers.

6. FEATURES AND DESIGN

6.1 Compact Design and Mobility

The AY13 features a compact and streamlined frame, ensuring agile maneuverability through narrow hallways and tight spaces. Its quiet-glide swivel casters are engineered to handle varied indoor surfaces, including carpets and

thresholds.

Compact Design for Movement

Fits through most door frames



Weight Capacity
265LBS



Patients HeightRange
5'1"-6'4"



Max Base Width
20.1"



Figure 6.1: Compact Design for Movement. This image highlights the compact dimensions (Max Base Width 20.1", Height 43", Depth 30.6") and weight capacity (265 lbs) of the AY13, demonstrating its ability to fit through most door frames.



Figure 6.2: Smooth and Quiet Wheels. This image showcases the specialized wheels designed for smooth and quiet operation across various floor types, including carpet, tile, and hardwood.

6.2 Optimized Access

The widened front wheelbase allows the lift to slide easily around most standard commodes, simplifying toileting routines. The ultra-low profile base (approximately 4.1 inches) fits smoothly under most beds and other furniture for versatile transfer scenarios.

Upgrade to A Lower 4.5" Base

Fits under more furniture



Figure 6.3: Upgrade to a Lower 4.5" Base. This image illustrates the low-profile base design (4.5 inches) that allows the lift to fit under beds, wheelchairs, and around toilets for improved accessibility.

6.3 Comfort and Support System

The device is equipped with features designed for user comfort and stability during transfers.

- **Split Seat Pads:** Cushioned, split-design seat pads allow for easy entry and exit without pinching.
- **Cushioned Knee Pads:** Soft, contoured knee pads provide stable lower limb support during the active rising process.
- **Ergonomic Handles:** Foam-wrapped handles ensure a comfortable, non-slip grip.

Upgraded Seat Flip Design



Figure 6.4: Upgraded Seat Flip Design. This image demonstrates the easy, one-step mechanism to flip the seat pads, contrasting it with other designs that may be less convenient or safe.



Figure 6.5: Seat Cushion. A close-up view of the cushioned seat, designed to rotate down for full support and security during transfers.



Figure 6.6: Cushioned Knee Pads. Detail of the cushioned knee pads, providing enhanced comfort and stability during use.



Figure 6.7: Foam Handle. A close-up of the foam-wrapped handles, designed for a comfortable grip, better support, and reduced effort during transfers.

6.4 Stability and Safety Features

Built with a reinforced, thickened steel frame, the AY13 ensures reliable long-term durability and weight support. Additional safety features include:

- **Anti-slip Base:** The base features a non-slip surface for secure foot placement.
- **Locking Casters:** Rear wheels are equipped with dual foot-pedal locks to ensure the unit remains stationary during critical moments.



Figure 6.8: Non-slip Base. This image shows the textured, non-slip surface of the base, suitable for barefoot use at home.



Figure 6.9: Locking Casters. Detail of the locking casters, which ensure stability and prevent movement during transfers.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your VOCIC Sit to Stand Assist Lift.

- **Cleaning:** Clean all surfaces with a damp cloth and a mild, non-abrasive detergent. Avoid harsh chemicals that may damage the finish or materials.
- **Fastener Check:** Periodically inspect all bolts, nuts, and screws. Tighten any loose fasteners to maintain stability and prevent accidents. Pay particular attention to the main column and seat attachments.
- **Wheel Inspection:** Check the wheels and casters for any debris, hair, or obstructions that might hinder smooth movement. Clean as necessary.
- **Pad Condition:** Inspect the seat and knee pads for any tears, excessive wear, or sagging. Replace if necessary to ensure comfort and support.

8. TROUBLESHOOTING

If you encounter any issues with your VOCIC Sit to Stand Assist Lift, refer to the following common troubleshooting tips:

- **Unit feels unstable or components are loose:** This is often due to fasteners not being sufficiently tightened during assembly or becoming loose over time. Re-check all bolts and nuts, especially those connecting the main column to the base and the seat/kneepad attachments. Use a socket wrench to ensure they are securely fastened.
- **Difficulty maneuvering the lift:** Ensure the wheel locks are fully disengaged when attempting to move the unit. Check the casters for any obstructions (e.g., carpet fibers, debris) that might impede their rotation.
- **Base not fitting under furniture:** Verify the height clearance of your furniture. The lift's base has an ultra-low profile of approximately 4.1 inches. If your furniture has less clearance, the lift may not fit underneath.
- **Seat pads sagging or folding:** Inspect the attachment points of the split seat pads. Ensure they are correctly installed and tightened. If the material itself is showing significant wear, consider contacting support for replacement parts.

If the issue persists after attempting these solutions, please contact customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	VOCIC
Model Name/Number	AY13
Material (Frame)	Aluminum
Material (Fill)	Foam
Product Dimensions (D x W x H)	30"D x 20.1"W x 42.9"H
Maximum Weight Recommendation	265 Pounds
Patient Height Range	5'1" - 6'4"
Max Base Width	20.1"

Low Profile Base Height	Approx. 4.1 inches
Required Assembly	Yes
UPC	810190251614

10. WARRANTY AND SUPPORT

Manufacturer Warranty: The VOCIC Sit to Stand Assist Lift AY13 comes with a 1-year manufacturer's warranty, covering defects in materials and workmanship under normal use.

Customer Support: For technical assistance, warranty claims, or to inquire about replacement parts, please contact VOCIC US, the manufacturer. Refer to your purchase documentation for specific contact details or visit the official VOCIC website.