

VANTAGE Stair Lift
SL400
Owner's Manual



Read and understand this manual thoroughly before attempting to install or operate the lift. If you have any questions, please contact your Authorized Harmar Dealer or Harmar's Technical Service Department.

P 800-833-0478 | www.harmar.com

Dealer Name & Contact Information:

Serial # of Your Lift:

Install Date:

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Read & Understand this Manual in its Entirety Prior to Operation.

Follow all operational procedures in order to avoid possible injury and/or property damage.

If you do not understand any portion of operation, please consult our technical service department at 800-833-0478.

SYMBOLS USED IN THIS MANUAL



READ MANUAL - Pay close attention to the instructions in the manual.



CAUTION - Hazardous situation. If not avoided, could result in serious damage to property.



WARNING - Hazardous situation. If not avoided, could result in serious injury to installer or user.



TIP - Helpful tips that will facilitate ease of installation.

INDICATIONS OF USE STATEMENT

The Vantage Stair Lift is to assist transfer of patients or mobility impaired persons, up and down between levels of a residential or private facility.

Dealer Information

Name: _____

Address: _____

Telephone Number: _____

Email: _____

If you have questions concerning the operation or maintenance of your stair lift, please contact your dealer

Owner Information

Thank you for purchasing a Vantage Stair Lift from Harmar Mobility. It is our hope this lift will provide the independence you want in your day-to-day life.

Date purchased: _____

Lift serial number: _____

If warranty work or service is needed, your dealer will need the data above to receive factory information or order parts for this lift.

Technical Specifications

Table with 2 columns: Specification Name and Value. Includes items like Weight capacity (300 lbs.), Stair angles (25 - 45 degrees), Return trips/charge (6), Speed (19 ft/min), Shipping weight (Approx. 184 lb.), Interchangeable arms (Yes), Interchangeable side to side (Yes), Battery (24 VDC), Power supply input (120 VAC; 15A 60 Hz), Power supply output (33 VDC; 1.2 Amps), Drive system (Rack and pinion), Rail (Extruded aluminum), Plastic covers (ABS - flame retardant).

Lift Operation

SAFETY RULES

Always observe the following safety rules when operating the lift.

- **Never stand on the footrest when the lift is moving.**
- **Never exceed the weight capacity of the lift.**
- **Never use the lift to transport cargo.**
- **Always place your feet in the center of the footrest.**
- **Always lock the seat in the ride position before using the lift.**
- **Always use the seatbelt and remain seated in the center of the seat.**



TIP

Use the armrests to assist you when getting on and off the lift.

DIRECTION CONTROLS

The Vantage Stair Lift is equipped with an armrest mounted control and two wireless remote controls. All controls require constant pressure.

To prevent accidental movement, the lift has a programmed delay before moving.

When using the remote control, aim the remote toward the lift receiver eye located on either end of the chassis.

NOTE: The remote control will be locked out for 20 seconds after the armrest control is used.

FOOTREST SAFETY PAN

The lift is equipped with a safety pan mounted on the bottom of the footrest. Should the safety pan encounter an obstruction, the lift will stop abruptly. The lift can be backed away from the obstruction by using the armrest mounted or remote control.



WARNING

Do not carry pets or children on your lap while riding the stair lift. The lift is designed for use by only one person at a time.



WARNING

Never attempt to operate the lift while standing up. Always sit in the center of the seat with the seat belt fastened around your waist.



WARNING

Keep your feet centered on the footrest while traveling up and down the stairs. Never dangle your feet off the footrest while riding the lift.

CHAIR LOCK

The lift will not operate if the chair is not locked in the ride position.

When using the lift at the top of the staircase, always verify that the seat is securely locked in the load (rotated) position before attempting to sit in the chair.

SEAT BELT RESTRAINT

Always use the Seat Belt.

ANNUAL MAINTENANCE

The rail gear should be cleaned once a year or more frequent if exposed to contaminants such as pet hair, excessive dust, etc. Wipe or vacuum debris from the gear teeth. Apply a small amount of lubricant onto a clean cloth and wipe across the gear teeth. Do not apply too much lubricant, over lubricating will attract dirt and debris.

Ensure all rail and seat support fasteners are tight.



TIP

*Gear rack should be lubricated with a multi-purpose calcium grease. **DO NOT USE** any type of light weight penetrating oil (WD-40, GUNK, Kroil, Liquid Wrench etc.)*



TIP

*The lift and aluminum rail can be cleaned with any commercial window cleaner. **DO NOT USE** abrasive cleaners.*



**SHOCK
WARNING**

To prevent electrical shock or damage to the lift, disconnect the 120 VAC power when cleaning the lift. Never apply cleaning liquids directly on the rail mounted charging stations or electrical safety switches.

MANUAL LOWERING TOOL

If the lift is inoperable because it has driven onto the final limit switch, it has to be manually moved off the final limit.

1. Turn the lift off at the power switch.

NOTE: Disconnecting the power supply does not turn the lift off. The power supply only charges the batteries.

2. Remove the round plastic plug on the side of the chassis to access the end of the motor shaft.

[Figure 5-1]

3. Place the manual lowering tool onto the end of the motor shaft and rotate until the final limit switch becomes disengaged.

4. Re-install the plastic plug and turn the lift "ON".



[Figure 5-1]

TROUBLESHOOTING

If your lift does not operate, diagnose the problem by listening to the beeps emitted:

- A long beep when the control switch is pressed indicates the lift is touching an obstruction.
- One beep per second for 30 seconds (after a 30 second delay) indicates the lift has been stopped off the charge station. It is recommended that the lift be immediately moved to a charge station (located either end of the rail).
- Two beeps every 60 seconds indicates a major fault with the circuit board. Turn unit off and back on to reset.
- Three beeps every 60 seconds indicate a major fault with the footrest sensor. Turn unit off and back on to reset.
- Seven beeps every 60 Seconds indicate a major fault with the slow down switches. Turn unit off and back on to reset.
- Eight beeps every 60 seconds indicate a major fault with the limit switch. Turn unit off and back on to reset.

If your lift fails to reset, contact your dealer for service.

NOTE: A fault is defined as major any time it requires the unit to be turned off and back on to reset.



Vantage Stair Lift three year warranty certificate

Please fill out all fields and return within ten (10) days of product purchase.

Fax completed form to 1-866-234-5680 or mail to Harmar, ATTN Warranty Department, 2075 47th Street, Sarasota Florida 34234. Harmar Mobility, LLC, 18505 E. 163rd St., Lake Winnebago, MO 64034, warrants to the original purchaser of a Vantage stair lift manufactured by us to be free from defects in material and workmanship for a 3-year period on all component parts of the lift.

Exceptions to this Limited Warranty are:

- Batteries are warranted for a 1-year period
- Damage resulting from improper installation or operation
- Negligence, alterations, abuse or misuse of the equipment
- Fire, flood, acts of God
- Torn or dirty upholstery
- Shipping damage
- Parts used that are not supplied by Harmar Mobility, LLC
- Labor fees for installation work or service calls

No warranty is extended, express or implied, whether of merchantability or fitness for a particular purpose, after expiration of 3 years from the date of original purchase of the unit. Harmar Mobility, LLC and its dealers shall not be liable for any consequential, special or incidental damages arising out of the purchase or use of the unit or resulting from the breach of this Limited Warranty, or any implied warranty. The limit of liability of Harmar Mobility, LLC and its dealer hereunder shall be the unit's purchase price. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, or legal remedies, so these above limitations may not apply to you. All warranty claims must be reported to the dealer from whom the lift was purchased as they have responsibility for handling your warranty claim. The dealer is to contact the Service Department of Harmar Mobility, LLC and provide the serial number of the lift along with a description of the events leading to the warranty claim. Dealers may charge for labor, service, travel, or other associated costs to make repairs, and such charges are not covered by this Limited Warranty. It is permissible to have any repairs or replacement work done as a result of any defects in material and workmanship by someone other than the Dealer under this Limited Warranty. However, the Limited Warranty does not cover any charges or expenses assessed by any such other person or company performing such repairs or replacement work. All parts used to replace defective materials must be genuine Harmar Mobility, LLC parts to be covered by this Limited Warranty. This Limited Warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Product Information

Model: _____
 Serial Number: _____
 Purchase Date: _____

Installer Information

Company Name: _____
 Contact Name: _____
 Address: _____

 Phone: _____
 Fax: _____
 Email: _____

Purchaser Information

Name: _____
 Address: _____

 Phone: _____
 Email: _____

Additional Information

How did you hear about Harmar?
 Harmar Dealer Friend or Acquaintance
 Internet Saw Harmar product
 Magazine Other _____

Do you have internet access? Yes No

I purchased my Harmar lift because of?
 Style/Appearance Ease of Use
 Harmar Representative Recommendation
 Previous Experience Price/Value



Service Notes

Service Description:

Service Date:

Performed By:

Service Description:

Service Date:

Performed By:

Service Description:

Service Date:

Performed By:

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