

Pinnacle Stair Lift

SL300 / SL300FR
OWNER'S MANUAL



Read and understand this manual thoroughly before attempting to operate the lift. If you have any questions, please contact your Authorized Harmar Dealer.

Dealer Name & Contact Information:

Serial # of Your Lift: _____

Install Date: _____

Contents

Peace-of-mind comes in many forms. It's knowing you can get up and down stairs on your own. It's regaining your independence. It's feeling secure each and every time you ride your stair lift—knowing you don't have to worry about power outages, or about parking it at a specific spot on the track. It's knowing you've made the best decision and acquired the right stair lift for you. That's the feeling you get when you own a Pinnacle™ Stair Lift from Harmar.

This energy-efficient stair lift is simple to operate, durable, and lightweight. Surprisingly compact when folded, the Pinnacle™ boasts a unique patented drive system, wireless remotes and intuitive operating controls with indicator lights.

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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.

INDICATIONS OF USE STATEMENT

The SL300 Series Pinnacle Stair Lifts assist transfer of patients or mobility impaired persons, up and down between levels of a residence.



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

Follow all operating procedures in order to avoid possible injury and/or property damage. If you do not understand any portion of installation or operation, please consult our technical service department or authorized dealer.

Installation Site Electrical Requirements - The lift shall be connected to a dedicated 120 V electrical circuit that is protected by a 15 AMP electrical circuit.

Dealer Information

Name: _____

Address: _____

Telephone Number: _____

Email: _____

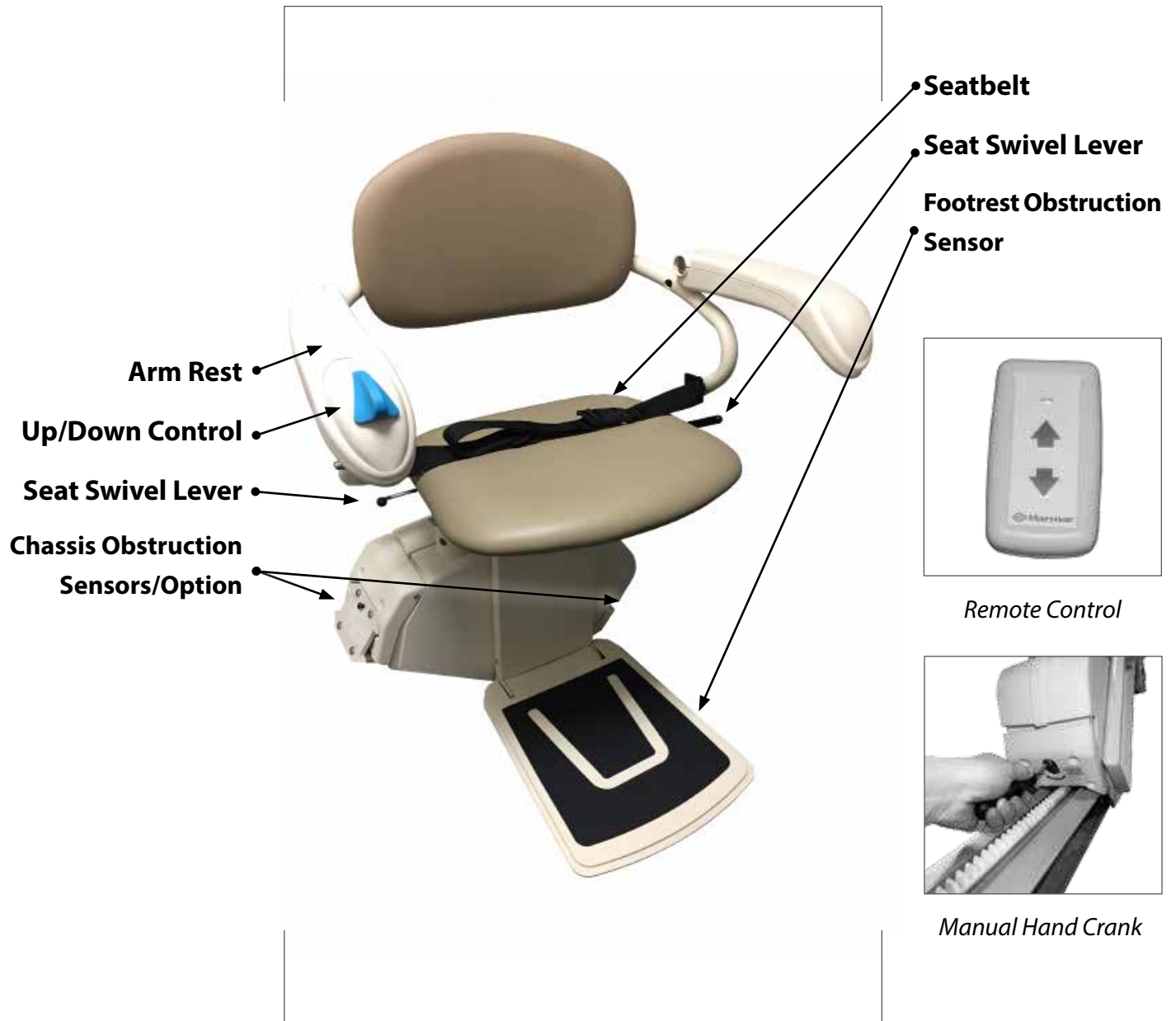
If you have questions concerning the operation or maintenance of your stair lift, please contact your dealer.

Technical Specifications

Weight Capacity	300 lbs.
Track (Rail) Type	Aluminum Extrusion
Travel	16 std., 32' max.
Avg. # of Return Trips per Charge	40
Minimum Folded Width	11.0" / 13.0" Folding Rail
Minimum Footrest Height	2.5"
Clear Distance Between Armrests	20"
Floor to Seat Height	20"
Minimum Wall to Side of Rail	6"
Seat Base	15" Deep, 18" Wide
Seatback	9.5" Tall, 16" Wide
Footrest Size	12.5" Wide, 15" Long
Electrical Requirements	120 / 240 VAC
Batteries	2 12v; 7.2amp hr.
Drive System	Nylon Polymer Worn Gear
Safety Standards	Complies with ASME A18.1; ASME A18.1
Warranty	2 Year Parts / 10 Year Gear Rack / 1 Year Batteries



Stair Lift Features



Safety Features

- There are sensors on the top and bottom of the chassis (*SL300FR only*), and on the footrest. If any of these edges touches an obstruction the lift will halt immediately.
- A seat swivel level lock on the seat prevents the lift from being operated unless the seat is in its, locked travel position. The remote controls are disabled for a 15 second period after the armrest control is used.

Controls

- The red "ON/OFF" switch is located on top of the chassis. This switch is normally left in the "ON" position (I). This switch can be turned "OFF" if you do not expect to use the lift for an extended period of time. Ensure that the lift is in the charging position. A long beep will indicate the lift is ready for use when turned on.
- The main "UP/DOWN" control switch is located at the front of one armrest. Use this switch for normal operation of the lift while in a seated in a secure position.
- There are "UP" and "DOWN" buttons on the remote call/send hand control units.
- Unit is equipped with a key switch, located on the plug plate of the chassis. Turn this off and remove the key when you want to ensure the lift cannot be used in your absence.

Stair Lift Operation

Step 1: To turn the stair lift on, press the red "ON/OFF" switch located on the top of the carriage to the "ON" position (I) and ensure that the key switch (if equipped) is "ON."



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.

Step 2: To aid entry to the chair, the armrest on the entry side may be raised. When positioning yourself on the seat at the upper landing, ensure the seat is fully swiveled and locked in position for safety. The seat may be swiveled by depressing the swivel release handle on either side of the seat.



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.

Step 3: Ensure that you are seated with the seat belt secured and armrests are in down position before operating the lift. To operate the lift, continuously activate the hand control switch on the side in which you wish to travel.



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.

Stair Lift Operation (cont)

Step 4: If you release the control switch the lift will stop. Continue to activate the switch or button all the way to the landing. The lift will gently stop at the appropriate, preset point.

Step 5: To safely exit the lift, remove the seat belt, support yourself by the armrests, rise and step off the footrest. At the upper landing, ensure that the seat is fully swiveled and locked before rising. [Figure 6.1] If you do not intend to use the lift again immediately, the seat and armrests may be folded up to minimize obstruction to people walking on the stairs.

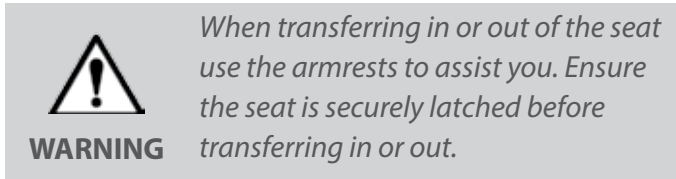


Figure 6.1

Step 6: To operate the lift remotely, continuously press the appropriate up or down button on the call/send hand control unit. Like all infrared devices, the signal may be interrupted if the hand control unit is not in the line of sight of the stair lift. If this happens the lift may temporarily stop but will restart immediately, as long as the hand remote is pressed continuously.

If you are operating the lift remotely on behalf of another person, please ensure that they are securely seated with the seat belt engaged. Always keep the person in line of sight before commencing movement.

NOTE: A single beep indicates that the lift has touched an obstruction. Clear the obstruction before proceeding.

If the lift beeps intermittently, the lift has been stopped away from the top or bottom charging stations. Please move the lift to either end of the rail to ensure the batteries remain fully charged.

Folding Rail

Automatic: When ascending or depressing the stairs, the chassis will automatically activate the folding rail.

Between Uses: To keep your landing clear, use the remote control to move the stair lift up into the stairwell. The folding will automatically raise to keep the area clear. [Figure 6.2]

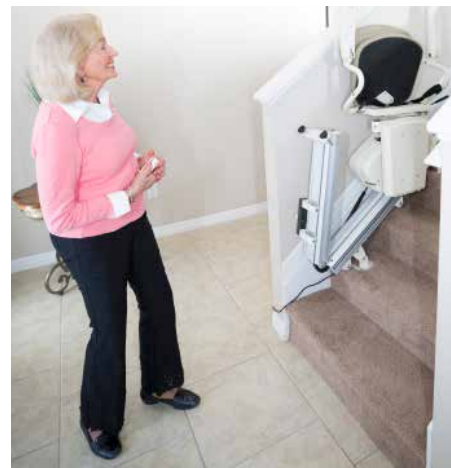


Figure 6.2

Maintenance

Battery Charger

The stair lift should be kept fully charged at all times. When the lift stops at an upper or lower landing it will charge automatically. The power supply should be left plugged in at all times and the lift may be left on charge indefinitely, as the charger is intuitive and will not overcharge.

Note: The stairlift must be turned on to enable battery charging. Batteries will not charge when lift is turned off.

Care And Cleaning

The lift should require no technical maintenance to continue to operate at full capability. There is no grease or other lubricants used in the drive system, and no adjustments should be required. However, the lift should be inspected annually. The lift and rail should be kept clean. Dust can build up on surfaces, and soiling may occur. The seat, footrest, chassis and upholstery can be cleaned with a damp, soapy cloth followed by a clean, damp cloth. Do not use abrasive cleansers as these can damage the finish. If heavy soiling occurs, clean by scrubbing lightly with a soft brush.

Manual Override Operation

If your lift fails to operate and the operator does not wish to dismount on the stairway, another person may use the manual override tool to lower (or raise) the lift to a landing. However please follow the instructions on the bottom safety flap of the lift and turn the lift off. Insert the manual override tool into the hole in the lower safety flap until it engages the motor shaft, and turn in the direction indicated.



WARNING

Do not operate the lift with the manual override tool engaged.

Pinnacle SL300

Owner Information & Troubleshooting

Owner Information

Thank you for purchasing an SL300 Pinnacle™ Stair Lift from Harmar. This is the most trouble-free stair lift on the market today. It is our hope this lift will provide the independence you want in your day-to-day life.

Date purchase _____

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.

Troubleshooting

- If your lift does not operate, diagnose the problem listening to the beeps emitted:
- An intermittent beep for 30 seconds indicates the lift has been stopped off the charge station. This repeats every 5 minutes until the lift is returned to the charge station. It is recommended that the lift be immediately moved to a strip station (located at either end of the rail).
- If the beep codes are not able to be cleared and the lift is not working, please contact your local dealer or Harmar and describe the problem. A local technician will need to be contacted to repair the problem if it cannot be repaired over the phone.
- If no light on charger, may have problem with AC power or the charger itself

Minor faults

Single long beep (will reset once fault is cleared)

- Seat swiveled out of position
- Edge safety detected* this is for the folding rail unit only
- Footrest
- Current overload condition
- A Low battery voltage condition

Pulsing Beep

Lift stopped off of charge strip. Will sound after 30 seconds for 30 seconds. It will repeat every 10 minutes until lift is operated or returned to charge strips.

Major Tones

Tones	Number of Beeps.
Runaway	1
No Power	2
Conflicting Switches Footrest UP & Footrest DOWN	3
*Conflicting Switches Obstruction UP & Obstruction DOWN	4
*Conflicting Switches Footrest DOWN & Obstruction UP	5
Conflicting Switches Footrest UP & Obstruction DOWN	6
Conflicting Switches STOP UP & STOP DOWN switches both Detected	7
Conflicting Switches STOP UP & STOP DOWN switches both NOT Detected	8

* If configured for your model.



PINNACLE STAIR LIFT - TWO YEAR WARRANTY CERTIFICATE

LIMITED WARRANTY CERTIFICATE

Products Covered: SL300, SL300FR, SL300COS

Harmar warrants to the original purchaser of a SL300 Series Pinnacle Stair Lift manufactured by us to be free from defects in material, mechanical and electrical components (parts) for a period of two (2) years, provided that the products have been installed, maintained and operated properly by an Authorized Harmar Distributor or Certified Harmar Installer.

EXCEPTIONS TO THIS LIMITED WARRANTY ARE: PLEASE READ CAREFULLY

- The gear rack is extended to a 10-year warranty
- Batteries are limited to one (1) year with a Harmar - supplied/approved charger.
- Pinnacle SL300's installed outdoors not covered- not approved for outdoor use
- Pinnacle SL300s installed in commercial buildings are not covered- not approved for commercial use
- Damage resulting from improper installation or operation
- Torn or dirty upholstery
- Negligence, alterations, abuse or misuse of the equipment
- Fire, flood, acts of God
- Shipping damage
- Parts used that are not approved by Harmar Mobility, LLC.
- Labor fees for installation work, repair or service calls are not covered

This warranty starts on the date of initial product installation (not to exceed 180 days from the date of manufacture), provided the warranty certificate is completely filled out and returned to Harmar within ten (10) days of installation. Harmar 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 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 Technical Services Department of Harmar and provide the serial number of the product along with a description and evidence of the defect(s) supporting a 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 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.

Harmar will not be charged for labor, consequential damage or repair expenses. Harmar will not, under any circumstances, be liable for the loss of the use of its products or loss of time. Defective parts must be returned, if requested, prepaid, to Harmar for inspection prior to credit or replacement. At Harmar's discretion, any part found to have been modified, over-stressed, damaged by accident, or misused is not covered by this warranty. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR CONDITIONS, INCLUDING ALL IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION OF THE LIMITED WARRANTY DESCRIBED HEREIN.

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Harmar®

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