



# HEAVY DUTY STAIR LIFT SYSTEM



## OWNER'S MANUAL & WARRANTY INFORMATION

**IMPORTANT!**  
THIS ENTIRE MANUAL NEEDS  
TO BE READ AND UNDERSTOOD  
BEFORE OPERATING THE LIFT. IF THERE  
IS ANYTHING IN THIS MANUAL YOU DO NOT  
CLEARLY UNDERSTAND, CONTACT YOUR DEALER  
FOR CLARIFICATION.

## INDICATIONS OF USE STATEMENT

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The Pinnacle inclined stairway chairlift is to assist transfer of patient up and down a flight of stairs seated in the lift seat with seat belt in use.

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™ heavy duty stair lift from Harmar.

This energy efficient stair lift is constructed with the “Harmar Difference”—it 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.

This Owner's Manual should be read and understood in its entirety prior to attempting to operate the equipment. All operating procedures must be followed in order to avoid possible injury and/or property damage.

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# DEALER INFORMATION


Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_



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

## TECHNICAL SPECIFICATIONS

Weight Capacity	600 lb
Stair Angles	27° - 45°
Return Trips / Charge	20 - 60
Speed	14' / min
Shipping Weight	Approx. 184 lb
Interchangeable Arms	No
Interchangeable Side to Side	Yes
Power Supply	24 VDC Battery
Charger Input	110VAC; 50 - 60Hz
Charger Output	24 VDC, 2 AMPS
Drive System	Plastic Worm / Rack
Rail	Extruded Aluminum
Plastic Covers	ABS - Flame Retardant

# STAIR LIFT FEATURES



LED indicator



Key lock (optional)



ON/OFF switch



Call/send unit



Manual hand crank



Charger (located at one end of the rail)

## SAFETY FEATURES

- There are sensitive edges on the top and bottom of the carriage, and the front, back and underside of the footrest. If any of these edges touches an obstruction the lift will halt immediately and the armrest LED indicator light will turn orange. The lift may only be driven away from the obstruction.
- An interlock on the swivel seat prevents the lift from being operated unless the seat is in its normal, locked position.
- The safety brake is always engaged.

## CONTROLS

- The red “ON/OFF” switch is located on top of the carriage. 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.
- 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.
- There is a three-color LED indicator light on one armrest.
- Some units are equipped with an optional key switch located at the back of one armrest. 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:** 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.



**CAUTION!** 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 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.” When the lift is turned “ON” a green light on the armrest will indicate that the lift is ready for use.



**CAUTION!** 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 securely seated before operating the lift. To operate the lift, continuously press the hand control switch on the side in which you wish to travel.



**CAUTION!** *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.*

**Step 4:** If you release the control switch the lift will stop. Continue to press 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, 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. If you do not intend to use the lift again immediately the seat and footrests may be folded up to minimize obstruction to people walking on the stairs.



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

**Step 6:** To operate the lift remotely, continuously press the appropriate up or down button on the call/send hand control unit. These hand control units are usually attached to a wall at the upper and lower landings of the staircase. Like all infrared devices, the signal may be interrupted if the hand control unit is not in the line of site of the stair lift. If this happens the lift may temporarily stop but 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:** *An orange light and single beep indicate that the lift has touched an obstruction and may only be operated in the opposite direction of the obstruction. Clear the obstruction before proceeding.*

*If the light flashes orange and 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.*

*The LED indicator light will turn red if there is a service issue. Turn the "ON/OFF" switch to the "OFF" position (O) and then back to the "ON" position (I). The lights should sequence red-orange-green. If the light does not return to green, please call your service representative.*



## 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 charger 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.

## CARE & 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 upholstery and carriage 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.

## HAND CRANK OPERATION

If your lift fails to operate and the operator does not wish to dismount on the stairway, another person may use the manual hand crank 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 hand crank into the hole in the lower safety flap until it engages the motor shaft, and turn in the direction indicated.



**CAUTION!** *Do not operate the lift with the hand crank engaged.*

# OWNER INFORMATION

Thank you for purchasing a Pinnacle™ heavy duty stair lift from Harmar. It is our hope this lift will allow you the independence you desire 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.

## TROUBLESHOOTING

If your lift does not operate, diagnose the problem by observing the LED indicator light on the armrest and listening to the beeps emitted:

- A **green light** indicates the lift is in operating mode and may be moved in either direction.
- An **orange light** indicates the lift is touching an obstruction and may be operated only in the direction away from the obstruction.
- A **flashing orange light**, accompanied by an intermittent beep for 30 seconds (after a 5 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).
- A **red light** indicates a problem that may require a service call. If the light remains red after attempting to reset the lift by turning it “OFF” and then “ON” again, 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.



# PINNACLE STAIR LIFT - THREE YEAR WARRANTY CERTIFICATE

## LIMITED WARRANTY CERTIFICATE

Products Covered: SL600HD

PLEASE FILL OUT ALL FIELDS AND RETURN WITHIN TEN (10) DAYS OF PRODUCT INSTALLATION.

Mail completed form to Harmar, 2075 47th Street, Sarasota, FL 34234.

Harmar warrants to the original purchaser of a SL600 Series Pinnacle Stair Lift manufactured by us to be free from defects in material, mechanical and electrical components (parts) for a period of three (3) 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 SL600's installed outdoors not covered - not approved for outdoor 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.

### Product Information

Model: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Feet of Track \_\_\_\_\_

Installation Date: \_\_\_\_\_

### Installer Information

Company Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### Purchaser Information

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Installation Address (if different): \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### Additional Information

How did you hear about Harmar?

- |  |   |
|--|---|
| <input type="checkbox"/> Harmar Dealer | <input type="checkbox"/> Friend or Family   |
| <input type="checkbox"/> Internet      | <input type="checkbox"/> Saw Harmar product |
| <input type="checkbox"/> Magazine      | <input type="checkbox"/> Other _____        |

I selected Harmar due to its (select all that apply):

- |   |   |
|---|---|
| <input type="checkbox"/> Key Feature _____        | <input type="checkbox"/> Ease of Use    |
| <input type="checkbox"/> Harmar Dealer            | <input type="checkbox"/> Recommendation |
| <input type="checkbox"/> Own other Harmar product | <input type="checkbox"/> Price/Value    |

