

# PINNACLE STAIRLIFT

SL600HD



**OWNER'S  
MANUAL**



## **THANK YOU**

From all of us at Harmar, thank you for placing your trust in our products and allowing us to be a part of your journey.

For more than 20 years we have been committed to creating products that help you maintain independence. With a drive to empower people to live as they choose, Harmar Lifts Lives.

Beyond stairlifts, like the one you've purchased, Harmar designs and manufactures vehicle lifts, vertical platform lifts and more.

We strive to be the leading provider of lift assisting technology in your home and on the road.

Visit [harmar.com](http://harmar.com) or speak to your dealer about the other solutions available from Harmar.

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SECTION 1

**SAFETY**

**SAFETY DEFINITIONS**



This safety alert symbol appears with safety statements. It means attention, become alert, your safety and the safety of others are involved! Please read and abide by the message that follows the safety alert symbol.

 **WARNING**

Indicates a hazardous situation that, if not avoided, could result in death or serious injury.

 **CAUTION**

Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.

**NOTICE**

*Indicates a situation which can cause damage to the lift and/or the environment, or cause the lift to operate improperly.*

*NOTE: Indicates a condition that should be followed in order for the lift to function in the manner intended.*

**SPECIAL CAUTIONS**



Pay attention to the following Special Cautions while operating your stairlift.

- Do not exceed the maximum payload capacity of 600 lb.
- Make sure any obstructions are cleared from the rail before use.
- Do not disable any safety equipment or switches supplied with this lift.
- Do not attempt to service the lift yourself. Contact your Harmar dealer for assistance.
- Do not allow children to operate or play around the lift.
- Keep feet, hands, arms, legs and body well within the confines of the chair during transport.
- This product is designed only for lifting people within the specified load capacity. Do not use it for freight or any other purpose.
- Read all instructions in this manual before operating the lift.

## SECTION 2

# INTRODUCTION

## **DEVICE NAME: PINNACLE SL600HD**

Indications of Use: The Harmar Pinnacle SL600HD is to assist the transfer of patients or mobility impaired persons up and down levels of a residence or commercial application.

## **READ AND UNDERSTAND**

This manual provides instructions for proper use and maintenance of your SL600HD stairlift. Please refer to this Owner's Manual for operating instructions. Any alterations to the equipment without written authorization by the manufacturer is prohibited and will void the warranty.

## **PURCHASING INFORMATION**

If you have questions concerning the operation and maintenance of your SL600HD stairlift, contact your dealer.

Please ensure that you fill out the separate warranty form and return it within ten (10) days of purchase to register your lift.

## **TECHNICAL SPECIFICATIONS**

Visit [harmar.com](http://harmar.com) for specifications on your lift model.

## **CODE STATEMENT**

Code requirements for the SL600 HD may vary depending on location. It is the installers responsibility to contact their state, city or local code enforcement office and determine all the regulations the lift and installation are subject to. You must do this before installing the SL600 HD.

### KEY STAIRLIFT FEATURES

1. LED indicator light
2. Armrests
3. Up / Down control switch
4. Footrest with obstruction sensors
5. Seatbelt
6. Interlock
7. Chassis



### 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 touch an obstruction, the lift will stop immediately and the armrest LED indicator light will turn amber.
- 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 when the lift is not in use.



Figure 2-1

- 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 the seated and secure position.
- There are “Up” and “Down” buttons on the remote call/send hand control units.
- A three-color LED indicator light is located in the back of one armrest.
- If selected, an optional key switch will be 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.

### CONTROLS

- The red “On/Off” switch is located on the top of the chassis. This switch is normally left in the “On” position. 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. **See Figure 2-1.**

## SECTION 3 **OPERATION**

### **STAIRLIFT**

1. To turn the stairlift on, press the red “On/ Off” switch located on the top of the chassis to the “On” position and ensure that the key switch (optional) is “On”. When the lift is turned “On”, a green light on the armrest will indicate that the stairlift is ready for use.

 **CAUTION**

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

2. When positioning yourself on the seat at the upper landing, ensure that the seat is fully swiveled and locked in position for safety. The seat may be swiveled by pressing the swivel release handle on either side of the seat.

 **CAUTION**

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

3. Ensure that you are securely seated before operating the lift. To operate the lift, continuously press the hand control switch in the direction 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.**

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.

 **CAUTION**

**When transferring in or out of the seat use the armrest to assist. Ensure that the seat is securely latched before transferring in or out.**

5. To safely exit the lift, remove the seatbelt, 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, footrest, and armrest may be folded up to minimize obstruction to people walking on the stairs.
6. To operate the lift remotely, continuously press the appropriate up or down button on the call/send hand control unit. Hand control units are typically located at the upper and lower landings of the staircase.

If you are operating the lift remotely on behalf of another person, please ensure that they are securely seated with the seat belt fastened.

*NOTE: An amber 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 amber 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.*

# OPERATION

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*The LED indicator light will turn red if there is a service issue. Turn the “On/Off” switch to the “Off” position and then back to the “On” position. The lights should sequence red-amber-green. If the light does not return to green, contact your dealer.*

## REMOTE CALL / SEND CONTROL OPERATION

The key switch on the arm of the chair must be in the “ON” position to use the remote call/send control.

1. Press and hold the appropriate directional button on the front of the hand control. The LED indicator light will turn green when a signal is being sent.

The chair lift will operate with or without a rider. All safety sensors on the chair lift are designed to continue to operate in their normal mode. The LED light indicator on the armrest will also display the appropriate color.

2. If the chair lift fails to respond, this may indicate the batteries are discharged and need to be replaced. Remove the back cover of the control and replace with AAA batteries, ensuring that the polarity is correct.



SECTION 4

# MAINTENANCE AND CARE

## BATTERY

The stairlift should be kept fully charged at all times. When the lift stops within three (3') feet at an upper or lower landing, it will charge automatically. The power supply should remain plugged in at all times and the lift may be left on charge indefinitely. A fully charged battery will show a solid green light, while a charging light will show a solid amber light.

If the light flashes amber and the lift beeps intermittently, the lift has either been stopped away from the top or bottom charging stations or the charger has been unplugged. Make sure that the charger is plugged in and move the lift to either end of the rail to ensure the batteries remain fully charged.

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

Batteries should be replaced, on average, every 1-2 years depending on the degree of usage. Contact your local dealer for proper battery replacement.



### WARNING

**Non-compliant batteries may lead to product malfunction.**

**Annual inspection is critical to identify battery condition.**

## CARE AND CLEANING

The lift should require no technical maintenance to continue to operate at full capacity. There are 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 cleaners as these can damage the finish. If heavy soiling occurs, clean by scrubbing lightly with a soft brush.

**PINNACLE HD STAIRLIFT: SECTION 4  
MAINTENANCE AND CARE**

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**MAINTENANCE/SERVICE RECORD**

ASME 18.1-2017 requires that a log is kept of all service and maintenance performed on this lift in residential and commercial applications. This includes a record of all accidents and a weekly operational check. Refer to “Install and Service Manual” for operational check list. To ensure optimal performance it is recommended that this log is kept for residential applications as well.

Date	Time	Type of Service (check all that apply)				Notes, Nature of Service/Accident, Parts Replaced, Warranty	Technician
		Check	Repair	Maint.	Accident		



## SECTION 5 **TROUBLESHOOTING**

### **MANUAL LOWERING TOOL OPERATION**

If your lift fails to operate and the operator is unable to exit the lift on the stairway, another person may use the optional 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 “On/Off” switch to “Off”. Insert the manual override tool into the hole in the lower safety flap until it engages the motor shaft, then turn in the direction desired.

 **WARNING**

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

### **LED INDICATOR LIGHTS**

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 amber light indicates the lift is touching an obstruction and may be operated only in the direction away from the obstruction.
- A flashing amber 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 and describe the problem.



SECTION 6  
**3-YEAR WARRANTY**

**PRODUCT COVERED: SL600HD**

Your lift came with a separate warranty page on page 13. You must return this page in within ten (10) days of installation to register your lift. This warranty policy page must remain in your Owner's Manual for your records. Do not tear out this page.

Dealer/Installer Name: \_\_\_\_\_

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

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

E-Mail: \_\_\_\_\_

If you need service or warranty work, your dealer will require the information below to receive factory information or order parts for your stair lift.

Date Purchased: \_\_\_\_\_

Serial # of the Lift: \_\_\_\_\_

**THIS EXPRESS 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. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH VARY FROM STATE TO STATE.**

Harmar warrants its lift products against defects in material, mechanical and electrical components (parts), excluding labor costs, paint, and covers, for a period of three (3) years from date of retail purchase, as well as a one (1) year battery and a ten (10) year gear rack, provided that the products have been installed, maintained and operated properly. This warranty does not cover maintenance or adjustments. 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. This warranty becomes null and void if the product has been lost, damaged by accident, over-stressed, misused and/or neglected, or if the product has been modified in any way. Defective parts must be returned, prepaid, to Harmar for inspection prior to credit, repair or replacement, at Harmar's option. Harmar's sole obligation and the exclusive remedy under this warranty is limited to such credit, repair or replacement.

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 warranty, or any implied warranty. The limit of liability of Harmar 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. Dealers may charge for labor, service, travel, or other associated costs to make repairs, and such charges are not covered by this 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 warranty. However, the 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 warranty. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

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

Fax completed form to 1-866-234-5680 or mail to:  
Harmar, ATTN Warranty Department, 1500 Independence Blvd., Ste 220, Sarasota Florida 34234.

### PRODUCT INFORMATION

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

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

Purchase Date: \_\_\_\_\_

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

### PURCHASER INFORMATION

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

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

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

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

### INSTALLER INFORMATION

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

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

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

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

Fax: \_\_\_\_\_

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

### ADDITIONAL INFORMATION

#### How did you hear about Harmar?

- Harmar Dealer
- Internet
- Magazine  
Which: \_\_\_\_\_
- Friend or Acquaintance
- Saw Harmar product somewhere
- Other: \_\_\_\_\_

### APPLICATION INFORMATION

Scooter     Power Wheelchair

Wheelchair     N/A

Year: \_\_\_\_\_

Manufacturer: \_\_\_\_\_

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

#### I purchased my Harmar lift because of:

- Style/Appearance
- Harmar Representative
- Previous Experience
- Ease of Use
- Recommendation
- Price/Value



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1500 Independence Blvd. Suite 220  
Sarasota, FL 34234  
800-833-0478  
[www.harmon.com](http://www.harmon.com)