

PINNACLE STAIR LIFT

SL600
SL600FR



**OWNER'S
MANUAL**

 **HARMAR**[®]
we lift lives

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 stair lifts, 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 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 stair lift.

- Do not exceed the maximum payload capacity of 350 lb.
- Make sure any obstructions are cleared from underneath the lift 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.
- 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 SL600

Indications of Use: The Harmar Pinnacle SL600 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 SL600 stair lift. 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 SL600 stair lift, 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 for specifications on your lift model.

CODE STATEMENT

Code requirements for SL600 may vary depending on location. It is the installer's responsibility to contact their state, city or local code enforcement office and determine all the regulations the lift and installation are subject to. This must be done before installing the SL600. Intertek (ETL) Certified to ASME A18.1-2017 section 7.

INTRODUCTION

KEY STAIR LIFT FEATURES

1. LED indicator light
2. Armrests
3. Top safety obstruction sensor
4. Footrest with obstruction sensors
5. Up/Down Control
6. Seatbelt
7. Seat swivel release bars
8. Bottom safety obstruction sensor



SAFETY FEATURES

- There are spring loaded sensors 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 remote controls are disabled for 15-seconds after the armrest control is used.
- A retractable seat belt is provided and must be secured around the user to prevent an inadvertent fall.

CONTROLS

- A red “On/Off” switch is located on 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.
- The main “Up/Down” control switch is located on the chassis. Use this switch for normal operation of the lift while in a seated 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 the armrest.
- Optional key switch is located on the chassis.

SECTION 3 **OPERATION**

STAIR LIFT

1. To turn the stair lift on, press the red “On/Off” switch located on the top of the carriage 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 and a single audible beep will indicate that the lift is ready for use.

 **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.

2. To aid entry to the chair, the armrest on the entry side may be raised. When positioning yourself in the seat at the upper landing, ensure the seat is fully swiveled, facing away from the staircase, and locked in position for safety. The seat swivel is controlled by pressing the swivel release handle, located at the side of the seat bottom. The footrest may be lowered to assist with entry and to keep your feet properly positioned during transport.

 **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.

3. Ensure that you are securely seated with the seat belt fastened and armrest in the down position before operating the lift. To operate the lift, continuously press the hand control on the armrest 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.
5. At the upper landing, swivel the seat away from the staircase until the seat is fully swiveled and locked, and remove your seat belt before rising. To safely exit the lift, support yourself by the armrests, rise and step off the footrest. 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.

 **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.

6. To operate the lift remotely, continuously press the appropriate up or down button on the call/send remote. Remotes 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 seated with the seatbelt fastened.

NOTE: An amber light and a single beep indicates that the lift has touched an obstruction. Clear the obstruction before proceeding.

If the lift is parked at the charge station and it is beeping intermittently it could be because the power supply is not connected to the AC power.

OPERATION

FOLDING RAIL

Automatic: When ascending or descending the stairs, the chassis will automatically activate the folding rail while you are moving and nearing the hinge. Please ensure there are no people, pets, or obstructions around the lower landing. To stop, simply remove your hand from the control and the folding rail will stop as well.

Between Uses: To keep your landing clear, use the remote call/send to move the stair lift up into the stairwell until the folding rail leg is vertical. The lift will continue to charge in this position. The folding rail will automatically raise to keep the area clear.

See Figure 3-1.



Figure 3-1

SECTION 4

MAINTENANCE AND CARE

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, please contact your dealer.

BATTERY

The stair lift 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 orange 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 stair lift 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 STAIR LIFT: SECTION 4

MAINTENANCE AND CARE

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		



PINNACLE STAIR LIFT: SECTION 4
MAINTENANCE AND CARE

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



TROUBLESHOOTING

SECTION 5

TROUBLESHOOTING

If the 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 indicates the lift has been stopped off the charge strip stations. This repeats every 5 minutes until the lift is returned to the charge strip stations. It is recommended that the lift be immediately moved to the charge strip station located at 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.

MAJOR FAULTS

	Number of Beeps
Runaway	1
No Power	2
Conflicting switches FOOTREST UP and FOOTREST DOWN	3
Conflicting switches OBSTRUCTION UP and OBSTRUCTION DOWN	4
Conflicting switches FOOTREST DOWN and OBSTRUCTION UP	5
Conflicting switches FOOTREST UP and OBSTRUCTION DOWN	6
Conflicting switches STOP UP and STOP DOWN switches both detected	7
Conflicting switches STOP UP and STOP DOWN switches both NOT detected	8

MINOR FAULTS

Single long beep. Will reset once fault is cleared.

- Seat swiveled out of position
- Edge safety detected
- Footrest
- Current overload condition
- A low battery voltage condition

MANUAL OVERRIDE 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.

WARRANTY



SECTION 6

LIMITED LIFETIME WARRANTY

PRODUCTS COVERED: SL600, SL600FR, SL600COS SERIES MODELS

Your lift came with a separate warranty page on page 15. 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 Mobility warrants to the original purchaser of a Pinnacle SL600 series manufactured by Harmar to be free of defects in material and mechanical defects in the motor, gearbox, rail, worm gear and gear rack for the lifetime of the product with its original owner. Additionally, Harmar warrants the other parts and electrical components for a period of the three (3) years, provided that the products have been installed, maintained and operated properly. Harmar's supplied batteries are limited to one (1) year from date of retail purchase. The Pinnacles SL600's installed outdoors are not covered-not approved for outdoor use.

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 at the address listed above, 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.

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., Suite 220, Sarasota, FL 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
harmar.com