



## PINNACLE STAIR LIFT SYSTEM

*Owner's Manual and Warranty Information*



**IMPORTANT! IT IS IMPORTANT THIS ENTIRE MANUAL BE READ AND UNDERSTOOD BEFORE ATTEMPTING TO OPERATE THIS LIFT.**

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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

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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## TECHNICAL SPECIFICATIONS

<b>Weight capacity:</b>	350 lbs.
<b>Stair angles:</b>	32 - 52 degrees
<b>Return trips/charge:</b>	20 - 60
<b>Speed:</b>	19 ft/min.
<b>Shipping weight:</b>	Approx. 184 lb.
<b>Interchangeable arms:</b>	Yes
<b>Interchangeable side to side:</b>	Yes
<b>Power supply:</b>	24 VDC battery
<b>Charger input:</b>	110 VAC; 50 - 60 Hz
<b>Charger output:</b>	24 VDC; 2 Amps
<b>Drive system:</b>	Plastic worm/rack
<b>Rail:</b>	Extruded aluminum
<b>Plastic covers:</b>	ABS - flame retardant

# Stair Lift and Safety Features

## STAIR LIFT FEATURES



LED indicator light



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



**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 1:** 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. 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.

**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.*

## Stair Lift Operation

**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 armrests 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 5:** 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 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 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™ stair lift from Harmar, America's Lift Leader™. This is the most trouble-free stairway lift on the market today. 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.